

APPENDIX H: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

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

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

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 71

Table H-1
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	24.37	0	0
	1	36	24.45		0
	1	74	24.23		0
	36	0	23.49	0-1	1
	36	18	23.51		1
	36	37	23.44		1
	75	0	23.47		1
16QAM	1	0	23.88	0-1	1
	1	36	23.68		1
	1	74	23.57		1
	36	0	22.47	0-2	2
	36	18	22.45		2
	36	37	22.43		2
	75	0	22.44		2
64QAM	1	0	22.84	0-2	2
	1	36	22.62		2
	1	74	22.41		2
	36	0	21.46	0-3	3
	36	18	21.48		3
	36	37	21.42		3
	75	0	21.39		3
256QAM	1	0	19.51	0-5	5
	1	36	19.42		5
	1	74	19.46		5
	36	0	19.49		5
	36	18	19.44		5
	36	37	19.53		5
	75	0	19.39		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 1 of 321

Table H-2
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]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.70	24.85	24.67	0	0
	1	25	24.84	24.93	24.65		0
	1	49	24.75	24.80	24.59		0
	25	0	23.71	23.79	23.68	0-1	1
	25	12	23.79	23.78	23.74		1
	25	25	23.76	23.82	23.68		1
	50	0	23.76	23.76	23.74		1
16QAM	1	0	24.01	24.21	24.00	0-1	1
	1	25	24.05	24.14	23.93		1
	1	49	24.01	24.18	23.96		1
	25	0	22.71	22.80	22.69	0-2	2
	25	12	22.80	22.78	22.77		2
	25	25	22.75	22.82	22.64		2
	50	0	22.77	22.77	22.71		2
64QAM	1	0	22.84	23.05	22.81	0-2	2
	1	25	22.92	23.00	22.83		2
	1	49	22.89	22.78	22.66		2
	25	0	21.72	21.77	21.65	0-3	3
	25	12	21.76	21.76	21.70		3
	25	25	21.74	21.75	21.68		3
	50	0	21.76	21.69	21.70		3
256QAM	1	0	19.70	19.80	19.71	0-5	5
	1	25	19.84	20.03	19.84		5
	1	49	19.79	19.82	19.73		5
	25	0	19.66	19.73	19.58		5
	25	12	19.74	19.77	19.71		5
	25	25	19.69	19.81	19.63		5
	50	0	19.70	19.70	19.69		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 2 of 321

Table H-3
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]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.72	24.75	24.70	0	0
	1	12	24.77	24.93	24.80		0
	1	24	24.65	24.75	24.62		0
	12	0	23.71	23.75	23.61	0-1	1
	12	6	23.81	23.79	23.62		1
	12	13	23.76	23.79	23.66		1
	25	0	23.78	23.76	23.60		1
16QAM	1	0	24.05	24.01	23.94	0-1	1
	1	12	24.17	24.15	23.96		1
	1	24	24.05	24.15	23.94		1
	12	0	22.76	22.79	22.64	0-2	2
	12	6	22.84	22.79	22.64		2
	12	13	22.82	22.86	22.69		2
	25	0	22.79	22.73	22.59		2
64QAM	1	0	22.92	22.92	22.79	0-2	2
	1	12	22.96	23.11	22.94		2
	1	24	22.85	23.01	22.73		2
	12	0	21.69	21.77	21.61	0-3	3
	12	6	21.79	21.76	21.60		3
	12	13	21.79	21.77	21.64		3
	25	0	21.75	21.72	21.62		3
256QAM	1	0	19.82	19.93	19.81	0-5	5
	1	12	19.98	19.92	19.83		5
	1	24	19.75	19.83	19.72		5
	12	0	19.64	19.69	19.60		5
	12	6	19.74	19.70	19.60		5
	12	13	19.65	19.78	19.62		5
	25	0	19.67	19.70	19.56		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 3 of 321

H.1.2 LTE Band 12

Table H-4
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	24.54	24.46	24.43	0	0
	1	12	24.55	24.56	24.49		0
	1	24	24.43	24.42	24.38		0
	12	0	23.40	23.38	23.38	0-1	1
	12	6	23.43	23.42	23.47		1
	12	13	23.48	23.46	23.46		1
	25	0	23.38	23.40	23.46		1
16QAM	1	0	23.86	23.86	23.87	0-1	1
	1	12	24.06	23.90	23.82		1
	1	24	23.85	23.78	23.76		1
	12	0	22.44	22.44	22.39	0-2	2
	12	6	22.48	22.44	22.48		2
	12	13	22.51	22.51	22.36		2
	25	0	22.39	22.39	22.42		2
64QAM	1	0	22.75	22.64	22.69	0-2	2
	1	12	22.72	22.64	22.66		2
	1	24	22.63	22.68	22.69		2
	12	0	21.40	21.43	21.34	0-3	3
	12	6	21.46	21.39	21.48		3
	12	13	21.48	21.46	21.40		3
	25	0	21.38	21.38	21.40		3
256QAM	1	0	19.53	19.67	19.49	0-5	5
	1	12	19.60	19.62	19.50		5
	1	24	19.54	19.38	19.40		5
	12	0	19.39	19.37	19.36		5
	12	6	19.44	19.40	19.42		5
	12	13	19.47	19.44	19.43		5
	25	0	19.36	19.40	19.39		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 4 of 321

Table H-5
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	24.47	24.43	24.43	0	0
	1	7	24.52	24.54	24.55		0
	1	14	24.46	24.44	24.42		0
	8	0	23.51	23.39	23.36	0-1	1
	8	4	23.52	23.42	23.40		1
	8	7	23.48	23.44	23.41		1
	15	0	23.48	23.37	23.33		1
16QAM	1	0	23.56	23.83	23.41	0-1	1
	1	7	23.72	23.91	23.57		1
	1	14	23.64	23.82	23.59		1
	8	0	22.55	22.43	22.38	0-2	2
	8	4	22.58	22.53	22.43		2
	8	7	22.50	22.54	22.42		2
	15	0	22.47	22.42	22.31		2
64QAM	1	0	22.67	22.69	22.45	0-2	2
	1	7	22.59	22.70	22.63		2
	1	14	22.66	22.60	22.51		2
	8	0	21.50	21.39	21.39	0-3	3
	8	4	21.50	21.50	21.36		3
	8	7	21.46	21.46	21.42		3
	15	0	21.46	21.39	21.34		3
256QAM	1	0	19.36	19.47	19.43	0-5	5
	1	7	19.55	19.68	19.64		5
	1	14	19.43	19.65	19.50		5
	8	0	19.51	19.42	19.32		5
	8	4	19.48	19.42	19.39		5
	8	7	19.40	19.41	19.41		5
	15	0	19.44	19.35	19.32		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 5 of 321

Table H-6
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	24.66	24.56	24.54	0	0
	1	2	24.67	24.59	24.60		0
	1	5	24.63	24.55	24.59		0
	3	0	24.54	24.47	24.46		0
	3	2	24.55	24.47	24.45		0
	3	3	24.53	24.44	24.45		0
	6	0	23.44	23.35	23.33	0-1	1
16QAM	1	0	23.89	23.64	23.77	0-1	1
	1	2	23.77	23.63	23.89		1
	1	5	23.83	23.70	23.75		1
	3	0	23.75	23.68	23.52		1
	3	2	23.66	23.64	23.52		1
	3	3	23.67	23.60	23.55		1
	6	0	22.54	22.38	22.53	0-2	2
64QAM	1	0	22.64	22.62	22.64	0-2	2
	1	2	22.55	22.64	22.59		2
	1	5	22.53	22.59	22.56		2
	3	0	22.50	22.56	22.32		2
	3	2	22.47	22.52	22.42		2
	3	3	22.40	22.50	22.43		2
	6	0	21.52	21.35	21.43	0-3	3
256QAM	1	0	19.61	19.46	19.54	0-5	5
	1	2	19.67	19.52	19.58		5
	1	5	19.45	19.50	19.52		5
	3	0	19.40	19.39	19.40		5
	3	2	19.53	19.51	19.48		5
	3	3	19.51	19.46	19.38		5
	6	0	19.40	19.42	19.40	5	

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 6 of 321

H.1.3 LTE Band 13

Table H-7
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	24.53	0	0
	1	12	24.61		0
	1	24	24.48		0
	12	0	23.41	0-1	1
	12	6	23.41		1
	12	13	23.45		1
	25	0	23.37		1
16QAM	1	0	23.74	0-1	1
	1	12	23.80		1
	1	24	23.68		1
	12	0	22.42	0-2	2
	12	6	22.43		2
	12	13	22.45		2
	25	0	22.38		2
64QAM	1	0	22.61	0-2	2
	1	12	22.72		2
	1	24	22.66		2
	12	0	21.39	0-3	3
	12	6	21.42		3
	12	13	21.46		3
	25	0	21.42		3
256QAM	1	0	19.48	0-5	5
	1	12	19.68		5
	1	24	19.63		5
	12	0	19.39		5
	12	6	19.42		5
	12	13	19.47		5
	25	0	19.43		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 7 of 321

H.1.4 LTE Band 14

Table H-8
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	24.48	0	0
	1	12	24.68		0
	1	24	24.63		0
	12	0	23.48	0-1	1
	12	6	23.46		1
	12	13	23.56		1
	25	0	23.47		1
16QAM	1	0	23.79	0-1	1
	1	12	23.89		1
	1	24	24.00		1
	12	0	22.51	0-2	2
	12	6	22.57		2
	12	13	22.61		2
	25	0	22.48		2
64QAM	1	0	22.68	0-2	2
	1	12	22.74		2
	1	24	22.81		2
	12	0	21.47	0-3	3
	12	6	21.51		3
	12	13	21.58		3
	25	0	21.45		3
256QAM	1	0	19.47	0-5	5
	1	12	19.52		5
	1	24	19.52		5
	12	0	19.43		5
	12	6	19.49		5
	12	13	19.47		5
	25	0	19.48		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 8 of 321

H.1.5 LTE Band 26

Table H-9
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	24.52	24.54	24.53	0	0
	1	25	24.50	24.61	24.58		0
	1	49	24.45	24.57	24.50		0
	25	0	23.45	23.47	23.46	0-1	1
	25	12	23.57	23.51	23.44		1
	25	25	23.50	23.53	23.46		1
	50	0	23.54	23.45	23.42		1
16QAM	1	0	23.83	23.81	23.78	0-1	1
	1	25	23.89	23.91	23.88		1
	1	49	23.80	23.85	23.71		1
	25	0	22.46	22.45	22.44	0-2	2
	25	12	22.59	22.50	22.40		2
	25	25	22.52	22.56	22.46		2
	50	0	22.51	22.44	22.41		2
64QAM	1	0	22.68	22.71	22.59	0-2	2
	1	25	22.64	22.58	22.59		2
	1	49	22.72	22.71	22.52		2
	25	0	21.48	21.44	21.44	0-3	3
	25	12	21.56	21.49	21.45		3
	25	25	21.51	21.57	21.45		3
	50	0	21.50	21.43	21.41		3
256QAM	1	0	19.54	19.66	19.54	0-5	5
	1	25	19.77	19.71	19.65		5
	1	49	19.64	19.62	19.57		5
	25	0	19.49	19.53	19.43		5
	25	12	19.60	19.54	19.43		5
	25	25	19.55	19.55	19.48		5
	50	0	19.51	19.48	19.43		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 9 of 321

Table H-10
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	24.44	24.47	24.48	0	0
	1	12	24.53	24.61	24.52		0
	1	24	24.38	24.50	24.43		0
	12	0	23.42	23.43	23.41	0-1	1
	12	6	23.54	23.47	23.49		1
	12	13	23.51	23.52	23.44		1
	25	0	23.53	23.46	23.47		1
16QAM	1	0	23.86	23.78	23.86	0-1	1
	1	12	24.00	23.92	23.93		1
	1	24	23.91	23.76	23.75		1
	12	0	22.51	22.47	22.41	0-2	2
	12	6	22.59	22.47	22.50		2
	12	13	22.54	22.51	22.44		2
	25	0	22.50	22.44	22.52		2
64QAM	1	0	22.62	22.68	22.83	0-2	2
	1	12	22.68	22.82	22.80		2
	1	24	22.51	22.72	22.59		2
	12	0	21.42	21.43	21.45	0-3	3
	12	6	21.61	21.48	21.52		3
	12	13	21.53	21.57	21.47		3
	25	0	21.55	21.43	21.47		3
256QAM	1	0	19.60	19.62	19.57	0-5	5
	1	12	19.68	19.74	19.68		5
	1	24	19.62	19.57	19.62		5
	12	0	19.44	19.42	19.39		5
	12	6	19.54	19.48	19.50		5
	12	13	19.50	19.52	19.45		5
	25	0	19.51	19.46	19.49		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 10 of 321

Table H-11
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	24.40	24.53	24.38	0	0
	1	7	24.54	24.60	24.51		0
	1	14	24.39	24.53	24.35		0
	8	0	23.51	23.42	23.38	0-1	1
	8	4	23.57	23.55	23.49		1
	8	7	23.53	23.52	23.46		1
	15	0	23.50	23.44	23.44		1
16QAM	1	0	23.79	23.82	23.69	0-1	1
	1	7	23.96	23.91	23.72		1
	1	14	23.77	23.78	23.81		1
	8	0	22.68	22.55	22.50	0-2	2
	8	4	22.69	22.63	22.53		2
	8	7	22.66	22.64	22.54		2
	15	0	22.56	22.47	22.46		2
64QAM	1	0	22.65	22.58	22.50	0-2	2
	1	7	22.72	22.63	22.66		2
	1	14	22.72	22.63	22.57		2
	8	0	21.52	21.46	21.38	0-3	3
	8	4	21.53	21.58	21.51		3
	8	7	21.51	21.53	21.46		3
	15	0	21.47	21.48	21.43		3
256QAM	1	0	19.52	19.61	19.54	0-5	5
	1	7	19.80	19.80	19.54		5
	1	14	19.64	19.56	19.58		5
	8	0	19.56	19.44	19.43		5
	8	4	19.52	19.56	19.48		5
	8	7	19.50	19.52	19.47		5
	15	0	19.56	19.48	19.45		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 11 of 321

Table H-12
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	24.35	24.29	24.32	0	0
	1	2	24.38	24.39	24.37		0
	1	5	24.40	24.34	24.32		0
	3	0	24.37	24.26	24.30		0
	3	2	24.42	24.36	24.30		0
	3	3	24.38	24.41	24.34		0
16QAM	6	0	22.83	22.74	23.00	0-1	1
	1	0	23.57	23.43	23.55	0-1	1
	1	2	23.50	23.69	23.80		1
	1	5	23.51	23.52	23.59		1
	3	0	23.66	23.51	23.41		1
	3	2	23.66	23.56	23.44		1
64QAM	3	3	23.64	23.55	23.44		0-2
	6	0	22.45	22.32	22.35	2	
	1	0	22.65	22.48	22.39	0-2	2
	1	2	22.49	22.60	22.53		2
	1	5	22.44	22.55	22.26		2
	3	0	22.48	22.41	22.31		2
3	2	22.39	22.43	22.39	2		
3	3	22.38	22.54	22.31	2		
256QAM	6	0	21.29	21.31	21.25	0-3	3
	1	0	19.48	19.34	19.29	0-5	5
	1	2	19.50	19.49	19.52		5
	1	5	19.38	19.44	19.46		5
	3	0	19.37	19.41	19.31		5
	3	2	19.38	19.53	19.33		5
3	3	19.34	19.56	19.35	5		
256QAM	6	0	19.34	19.28	19.28		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 12 of 321

H.1.6 LTE Band 5

Table H-13
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	24.46	24.45	24.57	0	0
	1	12	24.66	24.61	24.58		0
	1	24	24.41	24.51	24.55		0
	12	0	23.43	23.41	23.40	0-1	1
	12	6	23.53	23.44	23.50		1
	12	13	23.47	23.51	23.43		1
	25	0	23.50	23.40	23.40		1
16QAM	1	0	23.86	23.76	23.78	0-1	1
	1	12	23.99	23.94	23.94		1
	1	24	23.88	23.87	23.62		1
	12	0	22.44	22.51	22.43	0-2	2
	12	6	22.54	22.51	22.55		2
	12	13	22.52	22.55	22.50		2
	25	0	22.52	22.39	22.38		2
64QAM	1	0	22.66	22.56	22.72	0-2	2
	1	12	22.74	22.75	22.75		2
	1	24	22.57	22.66	22.59		2
	12	0	21.39	21.43	21.40	0-3	3
	12	6	21.54	21.46	21.48		3
	12	13	21.47	21.46	21.46		3
	25	0	21.53	21.43	21.36		3
256QAM	1	0	19.46	19.58	19.66	0-5	5
	1	12	19.60	19.78	19.69		5
	1	24	19.62	19.69	19.60		5
	12	0	19.45	19.43	19.43		5
	12	6	19.52	19.50	19.54		5
	12	13	19.48	19.49	19.45		5
	25	0	19.46	19.41	19.38		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 13 of 321

Table H-14
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	24.34	24.44	24.34	0	0
	1	7	24.64	24.64	24.47		0
	1	14	24.43	24.54	24.39		0
	8	0	23.46	23.39	23.35	0-1	1
	8	4	23.51	23.54	23.49		1
	8	7	23.46	23.47	23.45		1
	15	0	23.49	23.37	23.45		1
16QAM	1	0	23.77	23.75	23.81	0-1	1
	1	7	23.88	24.00	23.74		1
	1	14	23.78	23.79	23.60		1
	8	0	22.55	22.44	22.39	0-2	2
	8	4	22.59	22.52	22.54		2
	8	7	22.54	22.51	22.46		2
	15	0	22.49	22.40	22.45		2
64QAM	1	0	22.70	22.46	22.47	0-2	2
	1	7	22.60	22.63	22.59		2
	1	14	22.63	22.50	22.49		2
	8	0	21.48	21.47	21.37	0-3	3
	8	4	21.55	21.47	21.48		3
	8	7	21.45	21.49	21.43		3
	15	0	21.44	21.37	21.41		3
256QAM	1	0	19.52	19.45	19.38	0-5	5
	1	7	19.66	19.71	19.45		5
	1	14	19.47	19.48	19.39		5
	8	0	19.44	19.39	19.39		5
	8	4	19.52	19.51	19.45		5
	8	7	19.50	19.48	19.39		5
	15	0	19.43	19.38	19.40		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 14 of 321

Table H-15
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	24.44	24.47	24.40	0	0
	1	2	24.51	24.62	24.48		0
	1	5	24.46	24.60	24.45		0
	3	0	24.46	24.46	24.38		0
	3	2	24.45	24.48	24.42		0
	3	3	24.40	24.49	24.40		0
	6	0	23.41	23.45	23.38	0-1	1
16QAM	1	0	23.80	23.89	23.56	0-1	1
	1	2	23.77	24.03	23.80		1
	1	5	23.78	23.95	23.57		1
	3	0	23.67	23.65	23.56		1
	3	2	23.58	23.64	23.56		1
	3	3	23.66	23.64	23.52		1
	6	0	22.53	22.60	22.49	0-2	2
64QAM	1	0	22.57	22.50	22.44	0-2	2
	1	2	22.67	22.60	22.52		2
	1	5	22.53	22.66	22.64		2
	3	0	22.52	22.49	22.51		2
	3	2	22.57	22.52	22.50		2
	3	3	22.51	22.50	22.46		2
	6	0	21.44	21.46	21.44	0-3	3
256QAM	1	0	19.57	19.42	19.61	0-5	5
	1	2	19.64	19.49	19.65		5
	1	5	19.60	19.52	19.45		5
	3	0	19.49	19.56	19.32		5
	3	2	19.46	19.50	19.37		5
	3	3	19.50	19.65	19.22		5
	6	0	19.44	19.46	19.37		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 15 of 321

H.1.7 LTE Band 66 Antenna A

Table H-16

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

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.33	23.62	23.42	0	0
	1	36	23.46	23.69	23.44		0
	1	74	23.61	23.72	23.33		0
	36	0	22.31	22.65	22.66	0-1	1
	36	18	22.42	22.66	22.62		1
	36	37	22.44	22.68	22.53		1
	75	0	22.41	22.69	22.58		1
16QAM	1	0	22.58	22.98	22.67	0-1	1
	1	36	22.51	23.16	22.59		1
	1	74	22.72	22.86	22.62		1
	36	0	21.30	21.66	21.57	0-2	2
	36	18	21.44	21.67	21.58		2
	36	37	21.47	21.65	21.48		2
	75	0	21.43	21.67	21.57		2
64QAM	1	0	21.40	21.72	21.62	0-2	2
	1	36	21.50	21.85	21.67		2
	1	74	21.62	21.78	21.62		2
	36	0	20.36	20.65	20.63	0-3	3
	36	18	20.38	20.65	20.60		3
	36	37	20.42	20.67	20.52		3
	75	0	20.42	20.65	20.61		3
256QAM	1	0	18.40	18.54	18.61	0-5	5
	1	36	18.28	18.77	18.63		5
	1	74	18.43	18.72	18.65		5
	36	0	18.33	18.65	18.56		5
	36	18	18.38	18.66	18.55		5
	36	37	18.39	18.67	18.49		5
	75	0	18.40	18.62	18.59		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 16 of 321

Table H-17
LTE Band 66 (AWS) Antenna A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	23.36	23.91	23.55	0	0	
	1	12	23.49	24.09	23.69		0	
	1	24	23.50	23.89	23.55		0	
	12	0	22.36	22.76	22.62	0-1	1	
	12	6	22.49	22.70	22.66		1	
	12	13	22.47	22.71	22.63		1	
16QAM	25	0	22.42	22.68	22.60	0-1	1	
	1	0	22.36	23.02	22.81		0-1	1
	1	12	22.62	23.16	22.77			1
	1	24	22.36	22.94	22.81	0-2	1	
	12	0	21.37	21.81	21.70		2	
	12	6	21.45	21.85	21.78		2	
64QAM	12	13	21.40	21.73	21.71	0-2	2	
	25	0	21.41	21.74	21.63		2	
	1	0	21.51	21.73	21.75	0-2	2	
	1	12	21.76	21.99	21.88		2	
	1	24	21.64	22.10	21.73	0-3	2	
	12	0	20.42	20.69	20.64		3	
12	6	20.41	20.74	20.66	3			
256QAM	12	13	20.43	20.76	20.63	0-3	3	
	25	0	20.47	20.78	20.62		3	
	1	0	18.30	18.77	18.59		0-5	5
	1	12	18.60	18.93	18.84	5		
	1	24	18.31	18.72	18.48	5		
	12	0	18.40	18.70	18.64	5		
12	6	18.46	18.78	18.63	5			
12	13	18.44	18.80	18.61	5			
	25	0	18.41	18.73	18.63		5	

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 17 of 321

Table H-18
LTE Band 66 (AWS) Antenna A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.38	23.72	23.53	0	0
	1	7	23.50	23.83	23.63		0
	1	14	23.39	23.70	23.59		0
	8	0	22.49	22.76	22.62	0-1	1
	8	4	22.49	22.79	22.64		1
	8	7	22.43	22.76	22.64		1
16QAM	15	0	22.48	22.71	22.60	0-1	1
	1	0	22.67	22.81	22.72		1
	1	7	22.64	23.04	22.80		1
	1	14	22.55	23.00	22.72	0-2	1
	8	0	21.54	21.79	21.66		2
	8	4	21.54	21.84	21.70		2
64QAM	8	7	21.52	21.87	21.71	0-2	2
	15	0	21.45	21.79	21.69		2
	1	0	21.44	21.97	21.91	0-2	2
	1	7	21.59	22.12	21.79		2
	1	14	21.52	21.97	21.70	0-3	2
	8	0	20.48	20.80	20.69		3
8	4	20.49	20.83	20.74	3		
256QAM	8	7	20.46	20.75	20.66	0-3	3
	15	0	20.42	20.74	20.61		3
	1	0	18.58	18.87	18.57		0-5
	1	7	18.56	19.00	18.54	5	
	1	14	18.60	18.80	18.69	5	
	8	0	18.45	18.73	18.60	5	
	8	4	18.45	18.71	18.67	5	
	8	7	18.52	18.76	18.58	5	
	15	0	18.50	18.75	18.66	5	

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 18 of 321

Table H-19
LTE Band 66 (AWS) Antenna A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.37	23.94	23.76	0	0
	1	2	23.41	23.86	23.86		0
	1	5	23.37	23.91	23.77		0
	3	0	23.46	23.80	23.66		0
	3	2	23.40	23.87	23.61		0
	3	3	23.43	23.86	23.66		0
	6	0	22.42	22.69	22.57		0-1
16QAM	1	0	22.59	23.01	22.87	0-1	1
	1	2	22.62	23.18	22.89		1
	1	5	22.67	23.12	22.88		1
	3	0	22.52	22.89	22.80		1
	3	2	22.58	22.89	22.79		1
	3	3	22.46	23.08	22.66		1
	6	0	21.52	21.71	21.65		0-2
64QAM	1	0	21.59	21.89	21.84	0-2	2
	1	2	21.66	21.96	21.64		2
	1	5	21.55	21.78	21.88		2
	3	0	21.42	21.87	21.65		2
	3	2	21.51	21.80	21.63		2
	3	3	21.47	21.81	21.61		2
	6	0	20.30	20.72	20.62		0-3
256QAM	1	0	18.59	18.85	18.50	0-5	5
	1	2	18.60	19.12	18.82		5
	1	5	18.63	18.86	18.48		5
	3	0	18.40	18.43	18.71		5
	3	2	18.42	18.63	18.72		5
	3	3	18.57	18.83	18.63		5
	6	0	18.45	18.61	18.66		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 19 of 321

Table H-20

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

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.17	18.41	18.16	0	0
	1	36	18.17	18.42	18.16		0
	1	74	18.48	18.44	18.05		0
	36	0	18.22	18.45	18.30	0-1	0
	36	18	18.28	18.47	18.30		0
	36	37	18.32	18.43	18.19		0
	75	0	18.28	18.44	18.27		0
16QAM	1	0	18.30	18.74	18.31	0-1	0
	1	36	18.50	18.64	18.26		0
	1	74	18.38	18.64	18.41		0
	36	0	18.24	18.48	18.33	0-2	0
	36	18	18.31	18.48	18.30		0
	36	37	18.35	18.42	18.17		0
	75	0	18.28	18.46	18.29		0
64QAM	1	0	18.23	18.74	18.53	0-2	0
	1	36	18.27	18.69	18.36		0
	1	74	18.33	18.58	18.20		0
	36	0	18.17	18.49	18.32	0-3	0
	36	18	18.28	18.54	18.31		0
	36	37	18.30	18.41	18.14		0
	75	0	18.31	18.44	18.32		0
256QAM	1	0	18.25	18.56	18.47	0-5	0
	1	36	18.34	18.80	18.47		0
	1	74	18.35	18.71	18.29		0
	36	0	18.22	18.49	18.36		0
	36	18	18.32	18.49	18.35		0
	36	37	18.33	18.46	18.17		0
	75	0	18.31	18.47	18.31		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 20 of 321

Table H-21
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.23	18.58	18.36	0	0
	1	12	18.34	18.70	18.39		0
	1	24	18.18	18.49	18.29		0
	12	0	18.25	18.54	18.37	0-1	0
	12	6	18.39	18.57	18.39		0
	12	13	18.36	18.55	18.34		0
	25	0	18.32	18.55	18.32		0
16QAM	1	0	18.56	18.91	18.72	0-1	0
	1	12	18.67	18.92	18.60		0
	1	24	18.62	18.84	18.72		0
	12	0	18.29	18.64	18.39	0-2	0
	12	6	18.43	18.66	18.40		0
	12	13	18.41	18.65	18.35		0
	25	0	18.40	18.57	18.39		0
64QAM	1	0	18.73	18.63	18.46	0-2	0
	1	12	18.61	18.94	18.56		0
	1	24	18.64	18.71	18.34		0
	12	0	18.30	18.62	18.37	0-3	0
	12	6	18.42	18.57	18.41		0
	12	13	18.46	18.62	18.39		0
	25	0	18.45	18.55	18.40		0
256QAM	1	0	18.27	18.78	18.46	0-5	0
	1	12	18.65	18.92	18.50		0
	1	24	18.52	18.63	18.39		0
	12	0	18.38	18.52	18.39		0
	12	6	18.46	18.62	18.38		0
	12	13	18.38	18.60	18.40		0
	25	0	18.37	18.63	18.34		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 21 of 321

Table H-22
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.35	18.52	18.21	0	0
	1	7	18.31	18.66	18.30		0
	1	14	18.26	18.53	18.21		0
	8	0	18.35	18.53	18.33	0-1	0
	8	4	18.41	18.58	18.37		0
	8	7	18.39	18.54	18.34		0
	15	0	18.33	18.52	18.39		0
16QAM	1	0	18.51	18.97	18.63	0-1	0
	1	7	18.72	18.93	18.53		0
	1	14	18.51	18.88	18.60		0
	8	0	18.43	18.67	18.44	0-2	0
	8	4	18.52	18.64	18.45		0
	8	7	18.45	18.64	18.45		0
	15	0	18.41	18.62	18.36		0
64QAM	1	0	18.38	18.70	18.40	0-2	0
	1	7	18.75	18.72	18.50		0
	1	14	18.51	18.92	18.46		0
	8	0	18.37	18.62	18.44	0-3	0
	8	4	18.37	18.67	18.38		0
	8	7	18.36	18.61	18.42		0
	15	0	18.43	18.57	18.31		0
256QAM	1	0	18.48	18.73	18.33	0-5	0
	1	7	18.33	18.80	18.52		0
	1	14	18.55	18.63	18.43		0
	8	0	18.34	18.60	18.37		0
	8	4	18.35	18.60	18.43		0
	8	7	18.36	18.59	18.31		0
	15	0	18.39	18.59	18.35		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 22 of 321

Table H-23

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

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.33	18.57	18.31	0	0
	1	2	18.37	18.63	18.37		0
	1	5	18.31	18.58	18.29		0
	3	0	18.27	18.57	18.31		0
	3	2	18.31	18.65	18.35		0
	3	3	18.31	18.64	18.29		0
16QAM	6	0	18.29	18.49	18.31	0-1	0
	1	0	18.55	18.85	18.55	0-1	0
	1	2	18.70	18.94	18.62		0
	1	5	18.55	18.92	18.55		0
	3	0	18.50	18.73	18.51		0
	3	2	18.52	18.85	18.58		0
64QAM	3	3	18.45	18.75	18.54		0
	6	0	18.38	18.60	18.40	0-2	0
	1	0	18.50	18.68	18.53	0-2	0
	1	2	18.47	18.70	18.33		0
	1	5	18.56	18.88	18.51		0
	3	0	18.34	18.63	18.37		0
3	2	18.40	18.61	18.40	0		
3	3	18.46	18.61	18.34	0		
256QAM	6	0	18.34	18.54	18.31	0-3	0
	1	0	18.46	18.66	18.50	0-5	0
	1	2	18.42	18.76	18.50		0
	1	5	18.54	18.64	18.54		0
	3	0	18.52	18.63	18.42		0
	3	2	18.42	18.63	18.50		0
3	3	18.45	18.68	18.50	0		
6	0	18.35	18.55	18.27	0		

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 23 of 321

Table H-24
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.68	18.93	18.62	0	0
	1	36	18.61	18.84	18.50		0
	1	74	18.68	18.83	18.39		0
	36	0	18.52	18.79	18.63	0-1	0
	36	18	18.67	18.76	18.60		0
	36	37	18.67	18.77	18.50		0
	75	0	18.61	18.73	18.62		0
16QAM	1	0	18.96	19.06	18.83	0-1	0
	1	36	18.78	19.05	18.86		0
	1	74	18.94	18.99	18.76		0
	36	0	18.52	18.79	18.62	0-2	0
	36	18	18.63	18.77	18.60		0
	36	37	18.67	18.79	18.48		0
	75	0	18.62	18.76	18.61		0
64QAM	1	0	18.63	19.05	18.98	0-2	0
	1	36	18.70	19.07	18.83		0
	1	74	18.83	19.00	18.78		0
	36	0	18.52	18.79	18.62	0-3	0
	36	18	18.62	18.73	18.59		0
	36	37	18.64	18.75	18.52		0
	75	0	18.64	18.76	18.62		0
256QAM	1	0	18.23	18.56	18.43	0-5	0.5
	1	36	18.36	18.43	18.44		0.5
	1	74	18.44	18.54	18.23		0.5
	36	0	17.99	18.28	18.16		0.5
	36	18	18.11	18.28	18.07		0.5
	36	37	18.13	18.32	17.98		0.5
	75	0	18.10	18.27	18.13		0.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 24 of 321

Table H-25
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.68	18.99	18.67	0	0
	1	12	18.80	19.12	18.62		0
	1	24	18.68	18.99	18.57		0
	12	0	18.61	18.85	18.70	0-1	0
	12	6	18.73	18.92	18.71		0
	12	13	18.69	18.85	18.65		0
	25	0	18.65	18.88	18.63		0
16QAM	1	0	19.01	19.17	19.08	0-1	0
	1	12	19.11	19.11	19.06		0
	1	24	19.07	19.15	18.98		0
	12	0	18.64	18.89	18.70	0-2	0
	12	6	18.71	18.89	18.75		0
	12	13	18.69	18.85	18.70		0
	25	0	18.71	18.88	18.66		0
64QAM	1	0	18.94	19.22	19.01	0-2	0
	1	12	19.01	19.15	18.95		0
	1	24	19.20	19.07	19.07		0
	12	0	18.66	18.80	18.66	0-3	0
	12	6	18.72	18.85	18.75		0
	12	13	18.74	18.81	18.68		0
	25	0	18.70	18.90	18.63		0
256QAM	1	0	18.47	18.65	18.41	0-5	0.5
	1	12	18.70	18.87	18.58		0.5
	1	24	18.71	18.78	18.40		0.5
	12	0	18.10	18.39	18.20		0.5
	12	6	18.17	18.43	18.26		0.5
	12	13	18.16	18.41	18.24		0.5
	25	0	18.20	18.36	18.21		0.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 25 of 321

Table H-26
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.65	18.84	18.54	0	0
	1	7	18.80	18.94	18.66		0
	1	14	18.66	18.85	18.55		0
	8	0	18.67	18.83	18.64	0-1	0
	8	4	18.71	18.89	18.66		0
	8	7	18.68	18.87	18.66		0
	15	0	18.69	18.86	18.63		0
16QAM	1	0	19.02	19.14	19.00	0-1	0
	1	7	18.95	19.13	19.09		0
	1	14	19.05	19.04	19.04		0
	8	0	18.72	18.93	18.71	0-2	0
	8	4	18.77	18.95	18.74		0
	8	7	18.73	18.91	18.72		0
	15	0	18.72	18.87	18.65		0
64QAM	1	0	18.87	19.24	18.98	0-2	0
	1	7	18.88	19.17	18.99		0
	1	14	18.92	19.14	19.07		0
	8	0	18.73	18.93	18.69	0-3	0
	8	4	18.74	18.96	18.72		0
	8	7	18.79	18.93	18.72		0
	15	0	18.68	18.90	18.67		0
256QAM	1	0	18.52	18.68	18.46	0-5	0.5
	1	7	18.55	18.78	18.67		0.5
	1	14	18.37	18.58	18.40		0.5
	8	0	18.25	18.41	18.21		0.5
	8	4	18.26	18.48	18.24		0.5
	8	7	18.27	18.46	18.22		0.5
	15	0	18.21	18.38	18.15		0.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 26 of 321

Table H-27

LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.75	18.85	18.69	0	0
	1	2	18.76	18.89	18.71		0
	1	5	18.71	18.86	18.70		0
	3	0	18.67	18.88	18.65		0
	3	2	18.67	18.93	18.63		0
	3	3	18.61	18.93	18.65		0
	6	0	18.60	18.83	18.60		0-1
16QAM	1	0	19.00	19.19	18.85	0-1	0
	1	2	18.93	19.03	18.96		0
	1	5	19.01	19.12	18.91		0
	3	0	18.75	19.10	18.74		0
	3	2	18.86	19.10	18.75		0
	3	3	18.75	19.10	18.69		0
	6	0	18.65	18.92	18.68		0-2
64QAM	1	0	19.08	19.19	18.84	0-2	0
	1	2	18.83	19.14	18.91		0
	1	5	18.95	19.28	19.03		0
	3	0	18.72	19.05	18.82		0
	3	2	18.80	19.06	18.79		0
	3	3	18.69	19.11	18.79		0
	6	0	18.62	18.92	18.61		0-3
256QAM	1	0	18.34	18.89	18.38	0-5	0.5
	1	2	18.59	18.82	18.48		0.5
	1	5	18.43	18.70	18.37		0.5
	3	0	18.36	18.65	18.21		0.5
	3	2	18.38	18.65	18.26		0.5
	3	3	18.39	18.57	18.26		0.5
	6	0	18.14	18.40	18.13		0.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 27 of 321

H.1.8 LTE Band 66 Antenna F

Table H-28

LTE Band 66 (AWS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.58	18.60	18.53	0	0
	1	36	18.60	18.57	18.44		0
	1	74	18.75	18.58	18.56		0
	36	0	18.52	18.51	18.54	0-1	0
	36	18	18.67	18.62	18.50		0
	36	37	18.66	18.59	18.62		0
	75	0	18.63	18.62	18.49		0
16QAM	1	0	18.82	18.79	18.79	0-1	0
	1	36	18.81	18.75	18.75		0
	1	74	18.70	18.86	18.77		0
	36	0	18.64	18.55	18.54	0-2	0
	36	18	18.58	18.58	18.55		0
	36	37	18.69	18.69	18.54		0
	75	0	18.68	18.70	18.53		0
64QAM	1	0	18.75	18.76	18.71	0-2	0
	1	36	18.69	18.93	18.69		0
	1	74	18.60	18.70	18.63		0
	36	0	18.59	18.55	18.59	0-3	0
	36	18	18.53	18.60	18.51		0
	36	37	18.64	18.57	18.62		0
	75	0	18.67	18.61	18.54		0
256QAM	1	0	18.76	18.66	18.59	0-5	0
	1	36	18.80	18.78	18.68		0
	1	74	18.46	18.73	18.82		0
	36	0	18.61	18.52	18.55		0
	36	18	18.69	18.59	18.55		0
	36	37	18.70	18.60	18.55		0
	75	0	18.65	18.55	18.55		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 28 of 321

Table H-29

LTE Band 66 (AWS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.68	18.69	18.68	0	0
	1	12	18.90	18.87	18.74		0
	1	24	18.75	18.78	18.68		0
	12	0	18.70	18.76	18.60	0-1	0
	12	6	18.71	18.77	18.64		0
	12	13	18.69	18.80	18.71		0
	25	0	18.68	18.75	18.59		0
16QAM	1	0	18.76	18.81	18.78	0-1	0
	1	12	18.87	18.96	18.92		0
	1	24	18.76	18.88	18.79		0
	12	0	18.81	18.76	18.62	0-2	0
	12	6	18.83	18.79	18.66		0
	12	13	18.78	18.80	18.68		0
	25	0	18.72	18.77	18.66		0
64QAM	1	0	18.68	18.65	18.85	0-2	0
	1	12	18.74	18.82	18.86		0
	1	24	18.78	18.82	18.86		0
	12	0	18.70	18.75	18.66	0-3	0
	12	6	18.75	18.82	18.72		0
	12	13	18.75	18.84	18.66		0
	25	0	18.73	18.75	18.66		0
256QAM	1	0	18.80	18.83	18.71	0-5	0
	1	12	18.75	18.79	18.73		0
	1	24	18.70	18.80	18.83		0
	12	0	18.62	18.76	18.63		0
	12	6	18.75	18.82	18.68		0
	12	13	18.75	18.83	18.70		0
	25	0	18.73	18.75	18.66		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 29 of 321

Table H-30

LTE Band 66 (AWS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.51	18.72	18.55	0	0
	1	7	18.56	18.78	18.65		0
	1	14	18.61	18.82	18.58		0
	8	0	18.69	18.78	18.61	0-1	0
	8	4	18.71	18.73	18.72		0
	8	7	18.71	18.76	18.69		0
16QAM	15	0	18.71	18.74	18.58	0	
	1	0	18.74	18.84	18.89	0-1	0
	1	7	18.83	18.85	18.82		0
	1	14	18.88	18.86	18.87		0
	8	0	18.72	18.83	18.64	0-2	0
	8	4	18.75	18.79	18.77		0
8	7	18.76	18.87	18.76	0		
64QAM	15	0	18.71	18.80	18.63	0	
	1	0	18.86	18.95	18.71	0-2	0
	1	7	18.81	18.86	18.81		0
	1	14	18.93	19.08	18.86		0
	8	0	18.75	18.78	18.66	0-3	0
	8	4	18.78	18.74	18.74		0
8	7	18.77	18.72	18.66	0		
256QAM	15	0	18.77	18.77	18.64	0	
	1	0	18.63	18.96	18.65	0-5	0
	1	7	18.70	18.80	18.81		0
	1	14	18.69	18.94	18.69		0
	8	0	18.67	18.78	18.61		0
	8	4	18.75	18.75	18.74		0
8	7	18.77	18.80	18.72	0		
	15	0	18.71	18.77	18.65	0	

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 30 of 321

Table H-31

LTE Band 66 (AWS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.58	18.88	18.71	0	0
	1	2	18.70	18.79	18.77		0
	1	5	18.64	18.75	18.69		0
	3	0	18.69	18.79	18.67		0
	3	2	18.74	18.71	18.70		0
	3	3	18.68	18.69	18.70		0
	6	0	18.67	18.77	18.63		0-1
16QAM	1	0	18.79	18.92	18.80	0-1	0
	1	2	18.77	18.85	18.84		0
	1	5	18.86	18.82	18.80		0
	3	0	18.82	18.80	18.74		0
	3	2	18.85	18.89	18.78		0
	3	3	18.79	18.85	18.80		0
	6	0	18.78	18.77	18.70		0-2
64QAM	1	0	18.84	18.86	18.73	0-2	0
	1	2	18.74	18.80	18.87		0
	1	5	18.93	18.89	18.82		0
	3	0	18.76	18.89	18.69		0
	3	2	18.78	18.81	18.69		0
	3	3	18.75	18.80	18.65		0
	6	0	18.68	18.76	18.67		0-3
256QAM	1	0	18.79	18.88	18.78	0-5	0
	1	2	18.81	18.77	18.79		0
	1	5	18.74	18.75	18.85		0
	3	0	18.68	18.84	18.64		0
	3	2	18.78	18.77	18.68		0
	3	3	18.68	18.83	18.67		0
	6	0	18.74	18.81	18.68		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 31 of 321

Table H-32
LTE Band 66 (AWS) Antenna F Measured P_{Limit} for DSI = 2 (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	16.27	16.41	16.20	0	0
	1	36	16.40	16.49	16.13		0
	1	74	16.40	16.44	16.11		0
	36	0	16.24	16.37	16.27	0-1	0
	36	18	16.36	16.36	16.33		0
	36	37	16.37	16.43	16.33		0
	75	0	16.36	16.35	16.33		0
16QAM	1	0	16.28	16.40	16.39	0-1	0
	1	36	16.47	16.49	16.33		0
	1	74	16.45	16.48	16.22		0
	36	0	16.06	16.22	16.10	0-2	0
	36	18	16.18	16.22	16.17		0
	36	37	16.18	16.30	16.16		0
	75	0	16.18	16.20	16.15		0
64QAM	1	0	16.39	16.41	16.37	0-2	0
	1	36	16.46	16.45	16.24		0
	1	74	16.37	16.46	16.27		0
	36	0	16.09	16.23	16.08	0-3	0
	36	18	16.20	16.20	16.17		0
	36	37	16.21	16.27	16.16		0
	75	0	16.19	16.18	16.15		0
256QAM	1	0	16.33	16.41	16.43	0-5	0
	1	36	16.47	16.43	16.31		0
	1	74	16.47	16.45	16.35		0
	36	0	16.08	16.21	16.08		0
	36	18	16.15	16.20	16.16		0
	36	37	16.20	16.24	16.15		0
	75	0	16.19	16.22	16.14		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 32 of 321

Table H-33
LTE Band 66 (AWS) Antenna F Measured P_{Limit} for DSI = 2 (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	16.20	16.12	16.07	0	0
	1	12	16.32	16.06	16.21		0
	1	24	16.30	16.10	16.15		0
	12	0	16.00	16.00	16.12	0-1	0
	12	6	16.25	16.17	16.22		0
	12	13	16.27	16.16	16.15		0
	25	0	16.18	16.20	16.19		0
16QAM	1	0	16.31	16.44	16.48	0-1	0
	1	12	16.34	16.35	16.31		0
	1	24	16.27	16.32	16.29		0
	12	0	15.98	16.03	15.91	0-2	0
	12	6	16.05	16.08	15.90		0
	12	13	16.03	16.12	15.98		0
	25	0	15.97	16.01	15.92		0
64QAM	1	0	16.14	16.26	16.33	0-2	0
	1	12	16.36	16.39	16.35		0
	1	24	16.28	16.33	16.25		0
	12	0	15.98	16.03	15.92	0-3	0
	12	6	16.02	16.09	15.92		0
	12	13	15.99	16.12	16.00		0
	25	0	15.95	16.01	15.89		0
256QAM	1	0	16.14	16.23	16.28	0-5	0
	1	12	16.30	16.25	16.26		0
	1	24	16.18	16.21	16.31		0
	12	0	15.99	16.05	15.94		0
	12	6	16.03	16.09	15.95		0
	12	13	15.99	16.12	16.03		0
	25	0	15.99	16.03	15.90		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 33 of 321

Table H-34
LTE Band 66 (AWS) Antenna F Measured P_{Limit} for DSI = 2 (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	16.32	16.40	16.24	0	0
	1	7	16.17	16.37	16.22		0
	1	14	16.08	16.19	16.09		0
	8	0	16.19	16.20	16.11	0-1	0
	8	4	16.20	16.34	16.24		0
	8	7	16.18	16.24	16.14		0
	15	0	16.15	16.24	16.09		0
16QAM	1	0	16.31	16.35	16.34	0-1	0
	1	7	16.45	16.49	16.45		0
	1	14	16.34	16.42	16.44		0
	8	0	16.25	16.26	16.14	0-2	0
	8	4	16.25	16.40	16.30		0
	8	7	16.23	16.33	16.24		0
	15	0	16.24	16.21	16.12		0
64QAM	1	0	16.23	16.38	16.36	0-2	0
	1	7	16.43	16.48	16.43		0
	1	14	16.39	16.44	16.50		0
	8	0	16.20	16.30	16.17	0-3	0
	8	4	16.28	16.45	16.30		0
	8	7	16.23	16.37	16.22		0
	15	0	16.24	16.28	16.14		0
256QAM	1	0	16.23	16.37	16.35	0-5	0
	1	7	16.43	16.49	16.34		0
	1	14	16.36	16.42	16.47		0
	8	0	16.22	16.30	16.18		0
	8	4	16.26	16.42	16.29		0
	8	7	16.23	16.33	16.25		0
	15	0	16.23	16.24	16.15		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 34 of 321

Table H-35
LTE Band 66 (AWS) Antenna F Measured P_{Limit} for DSI = 2 (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	16.09	16.41	16.19	0	0
	1	2	16.15	16.35	16.18		0
	1	5	16.17	16.33	16.22		0
	3	0	16.16	16.35	16.10		0
	3	2	16.14	16.35	16.12		0
	3	3	16.16	16.31	16.13		0
	6	0	16.13	16.31	16.06	0-1	0
16QAM	1	0	16.37	16.40	16.31	0-1	0
	1	2	16.34	16.46	16.31		0
	1	5	16.41	16.48	16.38		0
	3	0	16.23	16.32	16.23		0
	3	2	16.25	16.43	16.23		0
	3	3	16.30	16.40	16.25		0
	6	0	16.20	16.36	16.16	0-2	0
64QAM	1	0	16.30	16.37	16.32	0-2	0
	1	2	16.33	16.34	16.34		0
	1	5	16.33	16.49	16.37		0
	3	0	16.21	16.38	16.22		0
	3	2	16.22	16.43	16.22		0
	3	3	16.25	16.40	16.29		0
	6	0	16.19	16.43	16.09	0-3	0
256QAM	1	0	16.34	16.40	16.30	0-5	0
	1	2	16.31	16.43	16.35		0
	1	5	16.38	16.42	16.42		0
	3	0	16.24	16.32	16.23		0
	3	2	16.23	16.27	16.24		0
	3	3	16.28	16.29	16.27		0
	6	0	16.18	16.38	16.14		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 35 of 321

H.1.9 LTE Band 25 Antenna A

Table H-36

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

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.30	23.36	22.93	0	0
	1	36	23.29	23.11	22.94		0
	1	74	23.40	23.36	23.10		0
	36	0	22.32	22.10	22.08	0-1	1
	36	18	22.35	22.18	22.17		1
	36	37	22.31	22.16	22.19		1
	75	0	22.31	22.18	22.18		1
16QAM	1	0	22.68	22.20	22.76	0-1	1
	1	36	22.74	22.43	22.57		1
	1	74	22.54	22.24	22.50		1
	36	0	21.21	21.15	21.06	0-2	2
	36	18	21.37	21.23	21.08		2
	36	37	21.34	21.23	21.10		2
	75	0	21.29	21.20	21.16		2
64QAM	1	0	21.41	21.15	21.29	0-2	2
	1	36	21.37	21.46	21.30		2
	1	74	21.44	21.23	21.24		2
	36	0	20.34	20.10	20.03	0-3	3
	36	18	20.33	20.21	20.13		3
	36	37	20.36	20.25	20.12		3
	75	0	20.29	20.17	20.11		3
256QAM	1	0	18.28	18.17	18.26	0-5	5
	1	36	18.35	18.08	18.17		5
	1	74	18.41	18.33	18.32		5
	36	0	18.27	18.06	18.06		5
	36	18	18.32	18.21	18.16		5
	36	37	18.34	18.22	18.12		5
	75	0	18.29	18.21	18.13		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 36 of 321

Table H-37
LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.42	23.20	23.24	0	0
	1	25	23.48	23.32	23.31		0
	1	49	23.40	23.36	23.32		0
	25	0	22.45	22.33	22.20	0-1	1
	25	12	22.53	22.31	22.22		1
	25	25	22.47	22.33	22.22		1
16QAM	50	0	22.46	22.28	22.16	0-1	1
	1	0	22.69	22.65	22.64		1
	1	25	22.81	22.66	22.70		1
	1	49	22.83	22.47	22.52	0-2	1
	25	0	21.48	21.31	21.23		2
	25	12	21.56	21.30	21.20		2
64QAM	25	25	21.50	21.36	21.22	0-2	2
	50	0	21.47	21.32	21.11		2
	1	0	21.68	21.43	21.17		0-2
	1	25	21.71	21.67	21.02	2	
	1	49	21.72	21.35	21.30	2	
	256QAM	25	0	20.45	20.27	20.13	0-3
25		12	20.53	20.31	20.25	3	
25		25	20.47	20.29	20.26	3	
50		0	20.46	20.30	20.18	0-5	3
1		0	18.24	18.37	18.18		5
1		25	18.37	18.40	18.47		5
1	49	18.66	18.32	18.44	5		
25	0	18.49	18.29	18.16	5		
25	12	18.49	18.36	18.20	5		
256QAM	25	25	18.48	18.30	18.28	0-5	5
	50	0	18.42	18.30	18.20		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 37 of 321

Table H-38
LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.49	23.38	23.23	0	0
	1	12	23.64	23.34	23.27		0
	1	24	23.54	23.37	23.26		0
	12	0	22.45	22.30	22.19	0-1	1
	12	6	22.47	22.33	22.30		1
	12	13	22.43	22.29	22.28		1
16QAM	25	0	22.43	22.32	22.25	0-1	1
	1	0	22.78	22.60	22.56		1
	1	12	22.85	22.68	22.51		1
	1	24	22.88	22.82	22.45	0-2	1
	12	0	21.42	21.37	21.19		2
	12	6	21.51	21.31	21.29		2
64QAM	12	13	21.41	21.37	21.29	0-2	2
	25	0	21.42	21.25	21.28		2
	1	0	21.42	21.48	21.45	0-2	2
	1	12	21.64	21.52	21.37		2
	1	24	21.49	21.52	21.68		2
	256QAM	12	0	20.45	20.27	20.21	0-3
12		6	20.36	20.33	20.32	3	
12		13	20.33	20.28	20.26	3	
25		0	20.38	20.38	20.30	3	
256QAM	1	0	18.54	18.23	18.24	0-5	5
	1	12	18.58	18.23	18.40		5
	1	24	18.47	18.56	18.32		5
	12	0	18.45	18.32	18.21		5
	12	6	18.51	18.29	18.29		5
	12	13	18.40	18.25	18.35		5
	25	0	18.40	18.26	18.29		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 38 of 321

Table H-39
LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.57	23.40	23.26	0	0
	1	7	23.58	23.31	23.42		0
	1	14	23.45	23.24	23.27		0
	8	0	22.45	22.26	22.20	0-1	1
	8	4	22.48	22.33	22.20		1
	8	7	22.47	22.28	22.23		1
16QAM	15	0	22.46	22.29	22.17		1
	1	0	22.60	22.54	22.76	0-1	1
	1	7	22.79	22.69	22.68		1
	1	14	22.80	22.73	22.59		0-2
	8	0	21.61	21.42	21.18	2	
	8	4	21.67	21.38	21.26	2	
64QAM	8	7	21.55	21.38	21.31	0-2	2
	15	0	21.48	21.33	21.22		2
	1	0	21.83	21.37	21.20	0-2	2
	1	7	21.83	21.43	21.26		2
	1	14	21.72	21.41	21.24		2
	256QAM	8	0	20.54	20.23	20.20	0-3
8		4	20.54	20.24	20.26	3	
8		7	20.48	20.22	20.29	3	
15		0	20.42	20.26	20.16		3
256QAM	1	0	18.58	18.46	18.26	0-5	5
	1	7	18.62	18.44	18.35		5
	1	14	18.20	18.39	18.28		5
	8	0	18.44	18.25	18.15		5
	8	4	18.58	18.26	18.30		5
	8	7	18.52	18.33	18.30		5
	15	0	18.53	18.28	18.16		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 39 of 321

Table H-40
LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.44	23.28	23.44	0	0
	1	2	23.48	23.35	23.45		0
	1	5	23.42	23.29	23.39		0
	3	0	23.55	23.28	23.35		0
	3	2	23.51	23.27	23.34		0
	3	3	23.53	23.25	23.30		0
	6	0	22.38	22.23	22.21	0-1	1
16QAM	1	0	22.72	22.63	22.35	0-1	1
	1	2	22.78	22.56	22.30		1
	1	5	22.85	22.69	22.44		1
	3	0	22.70	22.58	22.48		1
	3	2	22.65	22.48	22.46		1
	3	3	22.71	22.47	22.45		1
	6	0	21.57	21.30	21.24	0-2	2
64QAM	1	0	21.59	21.53	21.43	0-2	2
	1	2	21.80	21.58	21.33		2
	1	5	21.65	21.40	21.18		2
	3	0	21.63	21.42	21.28		2
	3	2	21.57	21.49	21.18		2
	3	3	21.60	21.45	21.37		2
	6	0	20.48	20.18	20.30	0-3	3
256QAM	1	0	18.50	18.37	18.12	0-5	5
	1	2	18.62	18.49	18.24		5
	1	5	18.50	18.21	18.28		5
	3	0	18.52	18.36	18.36		5
	3	2	18.35	18.41	18.26		5
	3	3	18.38	18.31	18.26		5
	6	0	18.36	18.19	18.38		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 40 of 321

Table H-41

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

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.58	18.48	18.14	0	0
	1	36	18.48	18.30	18.32		0
	1	74	18.47	18.27	18.12		0
	36	0	18.46	18.21	18.19	0-1	0
	36	18	18.47	18.31	18.25		0
	36	37	18.44	18.28	18.32		0
	75	0	18.45	18.29	18.26		0
16QAM	1	0	18.66	18.19	18.38	0-1	0
	1	36	18.77	18.45	18.35		0
	1	74	18.71	18.22	18.42		0
	36	0	18.50	18.27	18.19	0-2	0
	36	18	18.51	18.33	18.28		0
	36	37	18.49	18.30	18.28		0
	75	0	18.47	18.35	18.33		0
64QAM	1	0	18.71	18.55	18.38	0-2	0
	1	36	18.53	18.66	18.31		0
	1	74	18.54	18.49	18.17		0
	36	0	18.42	18.24	18.21	0-3	0
	36	18	18.45	18.27	18.28		0
	36	37	18.49	18.32	18.31		0
	75	0	18.47	18.32	18.31		0
256QAM	1	0	18.60	18.22	18.16	0-5	0
	1	36	18.39	18.24	18.26		0
	1	74	18.31	18.24	18.53		0
	36	0	18.43	18.14	18.12		0
	36	18	18.44	18.21	18.14		0
	36	37	18.37	18.21	18.16		0
	75	0	18.38	18.28	18.20		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 41 of 321

Table H-42

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

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.66	18.48	18.37	0	0
	1	25	18.62	18.49	18.43		0
	1	49	18.62	18.56	18.38		0
	25	0	18.65	18.47	18.32	0-1	0
	25	12	18.63	18.51	18.35		0
	25	25	18.61	18.44	18.36		0
	50	0	18.59	18.50	18.34		0
16QAM	1	0	18.83	18.70	18.49	0-1	0
	1	25	18.75	18.62	18.58		0
	1	49	18.84	18.70	18.64		0
	25	0	18.61	18.46	18.34	0-2	0
	25	12	18.66	18.48	18.36		0
	25	25	18.63	18.49	18.43		0
	50	0	18.62	18.47	18.34		0
64QAM	1	0	18.77	18.56	18.74	0-2	0
	1	25	18.84	18.62	18.65		0
	1	49	18.70	18.53	18.32		0
	25	0	18.69	18.47	18.37	0-3	0
	25	12	18.68	18.47	18.35		0
	25	25	18.61	18.49	18.39		0
	50	0	18.66	18.44	18.34		0
256QAM	1	0	18.77	18.28	18.36	0-5	0
	1	25	18.64	18.47	18.29		0
	1	49	18.59	18.34	18.45		0
	25	0	18.51	18.26	18.17		0
	25	12	18.52	18.35	18.28		0
	25	25	18.53	18.33	18.29		0
	50	0	18.54	18.33	18.22		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 42 of 321

Table H-43

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

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.62	18.46	18.29	0	0
	1	12	18.69	18.48	18.44		0
	1	24	18.58	18.45	18.35		0
	12	0	18.61	18.40	18.34	0-1	0
	12	6	18.68	18.46	18.38		0
	12	13	18.62	18.44	18.34		0
	25	0	18.61	18.46	18.38		0
16QAM	1	0	18.84	18.44	18.36	0-1	0
	1	12	18.86	18.65	18.56		0
	1	24	18.73	18.61	18.48		0
	12	0	18.73	18.47	18.30	0-2	0
	12	6	18.74	18.58	18.43		0
	12	13	18.69	18.54	18.50		0
	25	0	18.64	18.51	18.43		0
64QAM	1	0	18.83	18.56	18.55	0-2	0
	1	12	18.76	18.55	18.65		0
	1	24	18.81	18.63	18.64		0
	12	0	18.65	18.48	18.35	0-3	0
	12	6	18.61	18.50	18.42		0
	12	13	18.65	18.50	18.45		0
	25	0	18.61	18.43	18.42		0
256QAM	1	0	18.82	18.32	18.45	0-5	0
	1	12	18.83	18.60	18.44		0
	1	24	18.66	18.32	18.50		0
	12	0	18.54	18.34	18.27		0
	12	6	18.60	18.45	18.34		0
	12	13	18.53	18.38	18.31		0
	25	0	18.48	18.36	18.29		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 43 of 321

Table H-44

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

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.61	18.39	18.34	0	0
	1	7	18.65	18.52	18.40		0
	1	14	18.57	18.42	18.28		0
	8	0	18.56	18.40	18.27	0-1	0
	8	4	18.63	18.43	18.32		0
	8	7	18.61	18.42	18.34		0
	15	0	18.61	18.41	18.29		0
16QAM	1	0	18.83	18.67	18.50	0-1	0
	1	7	18.83	18.72	18.57		0
	1	14	18.78	18.64	18.60		0
	8	0	18.71	18.55	18.27	0-2	0
	8	4	18.61	18.50	18.37		0
	8	7	18.61	18.52	18.41		0
	15	0	18.71	18.44	18.26		0
64QAM	1	0	18.66	18.43	18.39	0-2	0
	1	7	18.74	18.61	18.63		0
	1	14	18.63	18.57	18.53		0
	8	0	18.67	18.41	18.27	0-3	0
	8	4	18.68	18.54	18.34		0
	8	7	18.65	18.50	18.32		0
	15	0	18.62	18.45	18.29		0
256QAM	1	0	18.60	18.44	18.41	0-5	0
	1	7	18.51	18.40	18.35		0
	1	14	18.46	18.41	18.49		0
	8	0	18.54	18.36	18.21		0
	8	4	18.53	18.40	18.22		0
	8	7	18.57	18.36	18.27		0
	15	0	18.57	18.35	18.21		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 44 of 321

Table H-45
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.70	18.43	18.44	0	0
	1	2	18.74	18.48	18.51		0
	1	5	18.73	18.50	18.46		0
	3	0	18.69	18.47	18.37		0
	3	2	18.66	18.46	18.35		0
	3	3	18.69	18.45	18.31		0
	6	0	18.60	18.36	18.30	0-1	0
16QAM	1	0	18.80	18.58	18.66	0-1	0
	1	2	18.84	18.75	18.44		0
	1	5	18.90	18.71	18.59		0
	3	0	18.73	18.55	18.39		0
	3	2	18.72	18.44	18.50		0
	3	3	18.75	18.52	18.48		0
	6	0	18.65	18.41	18.39	0-2	0
64QAM	1	0	18.71	18.73	18.50	0-2	0
	1	2	18.75	18.64	18.62		0
	1	5	18.73	18.68	18.49		0
	3	0	18.69	18.48	18.37		0
	3	2	18.67	18.56	18.32		0
	3	3	18.57	18.53	18.34		0
	6	0	18.58	18.36	18.34	0-3	0
256QAM	1	0	18.62	18.28	18.29	0-5	0
	1	2	18.68	18.47	18.33		0
	1	5	18.56	18.38	18.36		0
	3	0	18.48	18.33	18.33		0
	3	2	18.48	18.32	18.28		0
	3	3	18.50	18.36	18.25		0
	6	0	18.52	18.25	18.33		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 45 of 321

Table H-46

LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.58	19.34	19.36	0	0
	1	36	19.51	19.46	19.11		0
	1	74	19.53	19.29	19.22		0
	36	0	19.49	19.23	19.25	0-1	0
	36	18	19.47	19.32	19.27		0
	36	37	19.44	19.34	19.28		0
	75	0	19.49	19.35	19.27		0
16QAM	1	0	19.58	19.26	19.32	0-1	0
	1	36	19.78	19.35	19.40		0
	1	74	19.61	19.32	19.40		0
	36	0	19.50	19.28	19.24	0-2	0
	36	18	19.46	19.31	19.30		0
	36	37	19.48	19.32	19.31		0
	75	0	19.48	19.36	19.28		0
64QAM	1	0	19.52	19.62	19.35	0-2	0
	1	36	19.59	19.48	19.28		0
	1	74	19.49	19.32	19.19		0
	36	0	19.52	19.23	19.24	0-3	0
	36	18	19.48	19.33	19.31		0
	36	37	19.49	19.34	19.27		0
	75	0	19.51	19.33	19.31		0
256QAM	1	0	18.29	18.20	18.25	0-5	1.5
	1	36	18.35	18.14	18.34		1.5
	1	74	18.58	18.34	18.37		1.5
	36	0	18.35	18.15	18.07		1.5
	36	18	18.40	18.25	18.19		1.5
	36	37	18.36	18.21	18.20		1.5
	75	0	18.35	18.22	18.18		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 46 of 321

Table H-47

LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.68	19.51	19.40	0	0
	1	25	19.67	19.40	19.35		0
	1	49	19.53	19.35	19.36		0
	25	0	19.64	19.45	19.31	0-1	0
	25	12	19.68	19.49	19.38		0
	25	25	19.62	19.48	19.42		0
	50	0	19.61	19.47	19.32		0
16QAM	1	0	19.91	19.80	19.62	0-1	0
	1	25	19.80	19.68	19.62		0
	1	49	19.83	19.64	19.52		0
	25	0	19.61	19.53	19.36	0-2	0
	25	12	19.65	19.56	19.38		0
	25	25	19.64	19.53	19.47		0
	50	0	19.63	19.48	19.33		0
64QAM	1	0	19.90	19.68	19.44	0-2	0
	1	25	19.90	19.61	19.61		0
	1	49	19.86	19.61	19.38		0
	25	0	19.63	19.45	19.40	0-3	0
	25	12	19.67	19.52	19.40		0
	25	25	19.67	19.46	19.47		0
	50	0	19.69	19.52	19.37		0
256QAM	1	0	18.42	18.32	18.35	0-5	1.5
	1	25	18.70	18.55	18.29		1.5
	1	49	18.69	18.39	18.42		1.5
	25	0	18.48	18.28	18.25		1.5
	25	12	18.52	18.42	18.30		1.5
	25	25	18.52	18.41	18.30		1.5
	50	0	18.53	18.41	18.25		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 47 of 321

Table H-48

LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.71	19.46	19.29	0	0
	1	12	19.83	19.38	19.43		0
	1	24	19.65	19.48	19.38		0
	12	0	19.64	19.44	19.32	0-1	0
	12	6	19.67	19.50	19.44		0
	12	13	19.62	19.51	19.40		0
	25	0	19.64	19.49	19.40		0
16QAM	1	0	19.82	19.52	19.55	0-1	0
	1	12	19.86	19.62	19.64		0
	1	24	19.81	19.41	19.60		0
	12	0	19.68	19.54	19.39	0-2	0
	12	6	19.70	19.57	19.53		0
	12	13	19.66	19.54	19.47		0
	25	0	19.64	19.46	19.46		0
64QAM	1	0	19.80	19.71	19.43	0-2	0
	1	12	19.75	19.50	19.53		0
	1	24	19.63	19.46	19.51		0
	12	0	19.65	19.53	19.27	0-3	0
	12	6	19.69	19.51	19.48		0
	12	13	19.62	19.52	19.39		0
	25	0	19.62	19.47	19.47		0
256QAM	1	0	18.53	18.38	18.33	0-5	1.5
	1	12	18.62	18.55	18.50		1.5
	1	24	18.44	18.52	18.24		1.5
	12	0	18.53	18.40	18.23		1.5
	12	6	18.55	18.39	18.37		1.5
	12	13	18.53	18.34	18.26		1.5
	25	0	18.56	18.30	18.33		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 48 of 321

Table H-49
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.59	19.53	19.22	0	0
	1	7	19.60	19.45	19.38		0
	1	14	19.59	19.44	19.23		0
	8	0	19.62	19.46	19.29	0-1	0
	8	4	19.66	19.52	19.35		0
	8	7	19.57	19.42	19.41		0
	15	0	19.63	19.46	19.31		0
16QAM	1	0	19.91	19.51	19.45	0-1	0
	1	7	19.89	19.73	19.70		0
	1	14	19.72	19.54	19.47		0
	8	0	19.72	19.51	19.29	0-2	0
	8	4	19.68	19.52	19.34		0
	8	7	19.69	19.53	19.42		0
	15	0	19.63	19.47	19.29		0
64QAM	1	0	19.73	19.33	19.27	0-2	0
	1	7	19.68	19.71	19.58		0
	1	14	19.80	19.62	19.45		0
	8	0	19.71	19.52	19.34	0-3	0
	8	4	19.71	19.50	19.39		0
	8	7	19.69	19.47	19.44		0
	15	0	19.71	19.46	19.35		0
256QAM	1	0	18.70	18.32	18.08	0-5	1.5
	1	7	18.62	18.62	18.45		1.5
	1	14	18.64	18.26	18.30		1.5
	8	0	18.49	18.35	18.26		1.5
	8	4	18.58	18.38	18.32		1.5
	8	7	18.54	18.42	18.34		1.5
	15	0	18.56	18.35	18.21		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 49 of 321

Table H-50
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.62	19.57	19.38	0	0
	1	2	19.62	19.47	19.47		0
	1	5	19.57	19.44	19.41		0
	3	0	19.68	19.46	19.37		0
	3	2	19.69	19.41	19.38		0
	3	3	19.64	19.40	19.34		0
6	0	19.62	19.40	19.30	0-1	0	
16QAM	1	0	19.85	19.51	19.70	0-1	0
	1	2	19.93	19.67	19.63		0
	1	5	19.84	19.66	19.70		0
	3	0	19.61	19.52	19.37		0
	3	2	19.70	19.41	19.61		0
	3	3	19.68	19.57	19.44		0
6	0	19.75	19.45	19.39	0-2	0	
64QAM	1	0	19.67	19.65	19.40	0-2	0
	1	2	19.76	19.50	19.47		0
	1	5	19.76	19.54	19.47		0
	3	0	19.64	19.55	19.50		0
	3	2	19.78	19.46	19.43		0
	3	3	19.79	19.49	19.40		0
6	0	19.60	19.39	19.29	0-3	0	
256QAM	1	0	18.44	18.36	18.46	0-5	1.5
	1	2	18.56	18.31	18.21		1.5
	1	5	18.57	18.47	18.62		1.5
	3	0	18.65	18.49	18.29		1.5
	3	2	18.69	18.49	18.32		1.5
	3	3	18.65	18.44	18.27		1.5
6	0	18.43	18.29	18.25		1.5	

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 50 of 321

H.1.10 LTE Band 25 Antenna F

Table H-51

LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.62	19.57	19.41	0	0
	1	36	19.61	19.50	19.36		0
	1	74	19.63	19.52	19.41		0
	36	0	19.65	19.50	19.43	0-1	0
	36	18	19.59	19.47	19.37		0
	36	37	19.56	19.55	19.45		0
	75	0	19.59	19.47	19.49		0
16QAM	1	0	19.88	19.81	19.73	0-1	0
	1	36	19.88	19.87	19.83		0
	1	74	19.79	19.69	19.67		0
	36	0	19.63	19.54	19.44	0-2	0
	36	18	19.59	19.49	19.41		0
	36	37	19.56	19.57	19.47		0
	75	0	19.58	19.49	19.50		0
64QAM	1	0	19.99	20.03	20.00	0-2	0
	1	36	20.01	20.07	19.97		0
	1	74	20.08	19.94	19.97		0
	36	0	19.90	19.84	19.80	0-3	0
	36	18	19.91	19.83	19.78		0
	36	37	19.88	19.94	19.88		0
	75	0	19.91	19.84	19.87		0
256QAM	1	0	18.62	18.56	18.51	0-5	1.5
	1	36	18.68	18.61	18.63		1.5
	1	74	18.65	18.62	18.62		1.5
	36	0	18.49	18.47	18.38		1.5
	36	18	18.49	18.44	18.36		1.5
	36	37	18.48	18.54	18.45		1.5
	75	0	18.48	18.45	18.47		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 51 of 321

Table H-52

LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.64	19.69	19.69	0	0
	1	25	19.60	19.70	19.48		0
	1	49	19.65	19.65	19.46		0
	25	0	19.73	19.64	19.49	0-1	0
	25	12	19.72	19.65	19.51		0
	25	25	19.70	19.70	19.60		0
	50	0	19.73	19.62	19.54		0
16QAM	1	0	20.04	20.06	20.00	0-1	0
	1	25	19.95	20.01	19.91		0
	1	49	19.92	19.97	19.84		0
	25	0	19.80	19.70	19.55	0-2	0
	25	12	19.75	19.68	19.54		0
	25	25	19.77	19.76	19.64		0
	50	0	19.73	19.64	19.57		0
64QAM	1	0	20.26	20.09	20.21	0-2	0
	1	25	20.26	20.27	20.07		0
	1	49	20.26	20.22	20.14		0
	25	0	20.08	19.99	19.95	0-3	0
	25	12	20.11	20.02	19.94		0
	25	25	20.07	20.08	20.07		0
	50	0	20.09	20.00	19.94		0
256QAM	1	0	18.76	18.73	18.68	0-5	1.5
	1	25	18.74	18.91	18.75		1.5
	1	49	18.75	18.79	18.74		1.5
	25	0	18.67	18.58	18.55		1.5
	25	12	18.72	18.63	18.52		1.5
	25	25	18.69	18.68	18.63		1.5
	50	0	18.68	18.58	18.54		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 52 of 321

Table H-53

LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	19.81	19.63	19.48	0	0
	1	12	19.85	19.74	19.68		0
	1	24	19.65	19.67	19.52		0
	12	0	19.74	19.58	19.53	0-1	0
	12	6	19.74	19.61	19.66		0
	12	13	19.65	19.64	19.63		0
	25	0	19.73	19.60	19.62		0
16QAM	1	0	20.06	20.03	19.84	0-1	0
	1	12	20.08	20.11	20.08		0
	1	24	19.97	20.06	19.79		0
	12	0	19.74	19.66	19.59	0-2	0
	12	6	19.75	19.70	19.75		0
	12	13	19.67	19.73	19.66		0
	25	0	19.73	19.64	19.67		0
64QAM	1	0	19.97	20.20	20.04	0-2	0
	1	12	20.15	20.28	20.29		0
	1	24	20.02	20.25	20.14		0
	12	0	20.13	19.97	19.94	0-3	0
	12	6	20.17	20.00	20.08		0
	12	13	20.12	20.06	20.07		0
	25	0	20.06	19.98	20.03		0
256QAM	1	0	18.71	18.76	18.37	0-5	1.5
	1	12	18.81	18.71	18.68		1.5
	1	24	18.75	18.73	18.71		1.5
	12	0	18.73	18.58	18.50		1.5
	12	6	18.76	18.62	18.69		1.5
	12	13	18.69	18.66	18.65		1.5
	25	0	18.69	18.60	18.64		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 53 of 321

Table H-54

LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.61	19.57	19.48	0	0
	1	7	19.78	19.71	19.60		0
	1	14	19.59	19.55	19.51		0
	8	0	19.76	19.55	19.55	0-1	0
	8	4	19.74	19.67	19.56		0
	8	7	19.73	19.61	19.56		0
	15	0	19.71	19.56	19.52		0
16QAM	1	0	19.98	19.88	19.92	0-1	0
	1	7	20.09	20.09	19.99		0
	1	14	19.93	19.90	19.77		0
	8	0	19.76	19.63	19.63	0-2	0
	8	4	19.83	19.76	19.59		0
	8	7	19.79	19.71	19.61		0
	15	0	19.80	19.62	19.55		0
64QAM	1	0	20.23	20.08	20.22	0-2	0
	1	7	20.34	20.31	20.24		0
	1	14	20.17	20.23	20.06		0
	8	0	20.14	19.99	20.02	0-3	0
	8	4	20.18	20.13	20.04		0
	8	7	20.11	20.09	20.06		0
	15	0	20.13	19.94	19.96		0
256QAM	1	0	18.72	18.67	18.62	0-5	1.5
	1	7	18.85	18.78	18.85		1.5
	1	14	18.76	18.71	18.60		1.5
	8	0	18.69	18.54	18.58		1.5
	8	4	18.75	18.69	18.63		1.5
	8	7	18.68	18.62	18.62		1.5
	15	0	18.69	18.56	18.53		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 54 of 321

Table H-55

LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.83	19.73	19.53	0	0
	1	2	19.87	19.77	19.55		0
	1	5	19.78	19.71	19.40		0
	3	0	19.72	19.67	19.55		0
	3	2	19.76	19.69	19.52		0
	3	3	19.75	19.68	19.52		0
	6	0	19.75	19.62	19.50	0-1	0
16QAM	1	0	20.02	19.91	19.90	0-1	0
	1	2	20.06	19.82	19.87		0
	1	5	20.04	19.86	19.74		0
	3	0	19.84	19.82	19.70		0
	3	2	19.85	19.79	19.69		0
	3	3	19.90	19.78	19.62		0
	6	0	19.80	19.69	19.62	0-2	0
64QAM	1	0	20.13	20.15	19.99	0-2	0
	1	2	20.23	20.22	20.01		0
	1	5	20.18	20.15	19.95		0
	3	0	20.15	20.11	20.09		0
	3	2	20.12	20.08	20.07		0
	3	3	20.16	20.08	20.03		0
	6	0	20.09	19.97	19.99	0-3	0
256QAM	1	0	18.65	18.70	18.68	0-5	1.5
	1	2	18.72	18.76	18.76		1.5
	1	5	18.62	18.75	18.70		1.5
	3	0	18.70	18.62	18.64		1.5
	3	2	18.70	18.74	18.63		1.5
	3	3	18.68	18.73	18.59		1.5
	6	0	18.67	18.67	18.65	1.5	

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 55 of 321

Table H-56

LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 2 (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	16.90	16.81	16.76	0	0
	1	36	16.89	16.98	17.00		0
	1	74	17.02	17.06	16.76		0
	36	0	16.96	16.92	16.89	0-1	0
	36	18	17.01	16.92	16.93		0
	36	37	17.06	16.99	16.96		0
	75	0	16.99	16.94	16.94		0
16QAM	1	0	17.06	17.01	16.96	0-1	0
	1	36	17.05	17.20	16.94		0
	1	74	17.22	17.04	16.97		0
	36	0	17.03	16.90	16.88	0-2	0
	36	18	16.98	16.91	16.93		0
	36	37	16.98	16.99	16.96		0
	75	0	16.96	16.95	16.89		0
64QAM	1	0	17.13	17.09	16.85	0-2	0
	1	36	16.96	17.04	17.00		0
	1	74	17.18	17.07	16.85		0
	36	0	16.91	16.90	16.91	0-3	0
	36	18	16.96	16.81	17.00		0
	36	37	17.00	16.98	16.97		0
	75	0	17.02	16.89	17.03		0
256QAM	1	0	17.00	16.96	16.94	0-5	0
	1	36	16.82	17.05	16.91		0
	1	74	17.10	17.03	16.85		0
	36	0	16.90	17.00	16.84		0
	36	18	17.00	16.90	16.87		0
	36	37	17.02	16.91	16.88		0
	75	0	17.00	16.90	16.93		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 56 of 321

Table H-57

LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 2 (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	17.07	17.08	16.95	0	0
	1	25	17.15	17.14	17.06		0
	1	49	17.04	17.04	16.87		0
	25	0	17.12	17.10	16.96	0-1	0
	25	12	17.23	17.11	17.03		0
	25	25	17.15	17.15	17.07		0
	50	0	17.15	17.03	16.94		0
16QAM	1	0	17.36	17.34	17.23	0-1	0
	1	25	17.36	17.38	17.28		0
	1	49	17.39	17.31	17.19		0
	25	0	17.08	17.13	16.93	0-2	0
	25	12	17.20	17.19	17.01		0
	25	25	17.13	17.12	17.05		0
	50	0	17.13	17.08	16.90		0
64QAM	1	0	17.26	17.19	17.02	0-2	0
	1	25	17.30	17.43	17.32		0
	1	49	17.38	17.26	16.96		0
	25	0	17.17	17.07	16.99	0-3	0
	25	12	17.26	17.12	17.02		0
	25	25	17.18	17.17	17.07		0
	50	0	17.20	17.11	16.96		0
256QAM	1	0	17.29	17.01	16.98	0-5	0
	1	25	17.26	17.24	17.21		0
	1	49	17.09	17.13	16.96		0
	25	0	17.15	17.13	16.92		0
	25	12	17.22	17.13	17.02		0
	25	25	17.06	17.17	17.08		0
	50	0	17.06	17.08	16.94		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 57 of 321

Table H-58
LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 2 (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	17.04	16.98	17.01	0	0
	1	12	17.11	17.10	17.09		0
	1	24	17.04	17.06	16.90		0
	12	0	17.15	17.03	17.03	0-1	0
	12	6	17.17	17.12	17.08		0
	12	13	17.14	17.17	16.93		0
	25	0	17.10	17.11	17.03		0
16QAM	1	0	17.27	17.40	17.24	0-1	0
	1	12	17.36	17.49	17.22		0
	1	24	17.34	17.35	17.11		0
	12	0	17.16	17.07	17.07	0-2	0
	12	6	17.17	17.16	17.07		0
	12	13	17.20	17.09	16.94		0
	25	0	17.16	17.07	17.04		0
64QAM	1	0	17.20	17.19	17.25	0-2	0
	1	12	17.44	17.35	17.14		0
	1	24	17.19	17.25	16.96		0
	12	0	17.17	17.16	17.07	0-3	0
	12	6	17.15	17.08	17.00		0
	12	13	17.16	17.18	16.91		0
	25	0	17.14	17.14	17.03		0
256QAM	1	0	17.20	17.13	16.98	0-5	0
	1	12	17.17	17.24	17.15		0
	1	24	17.16	17.18	16.93		0
	12	0	17.15	17.07	17.00		0
	12	6	17.10	17.10	17.09		0
	12	13	17.16	17.17	16.88		0
	25	0	17.13	17.02	16.99		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 58 of 321

Table H-59
LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 2 (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	17.11	16.98	16.95	0	0
	1	7	17.17	17.14	16.93		0
	1	14	17.04	17.08	16.87		0
	8	0	17.20	17.06	16.93	0-1	0
	8	4	17.22	17.01	16.87		0
	8	7	17.13	17.15	16.87		0
	15	0	17.10	17.02	16.86		0
16QAM	1	0	17.27	17.20	17.16	0-1	0
	1	7	17.49	17.38	17.22		0
	1	14	17.28	17.30	16.97		0
	8	0	17.20	17.03	16.95	0-2	0
	8	4	17.21	17.16	16.94		0
	8	7	17.16	17.21	16.95		0
	15	0	17.16	17.09	16.94		0
64QAM	1	0	17.18	17.21	17.16	0-2	0
	1	7	17.26	17.27	17.06		0
	1	14	17.16	17.20	17.05		0
	8	0	17.19	17.14	16.90	0-3	0
	8	4	17.22	17.03	16.85		0
	8	7	17.16	17.18	16.99		0
	15	0	17.15	17.11	16.83		0
256QAM	1	0	17.20	17.00	16.87	0-5	0
	1	7	17.22	17.25	17.02		0
	1	14	17.02	17.15	16.95		0
	8	0	17.13	17.01	16.91		0
	8	4	17.17	17.07	16.86		0
	8	7	17.12	17.15	16.93		0
	15	0	17.11	17.00	16.83		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 59 of 321

Table H-60

LTE Band 25 (PCS) Antenna F Measured P_{Limit} for DSI = 2 (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	17.20	17.04	16.87	0	0
	1	2	17.20	17.16	16.89		0
	1	5	17.12	17.07	16.85		0
	3	0	17.18	17.09	16.84		0
	3	2	17.13	17.12	16.90		0
	3	3	17.21	17.12	16.90		0
	6	0	17.13	17.08	16.84		0-1
16QAM	1	0	17.32	17.25	17.06	0-1	0
	1	2	17.40	17.41	17.15		0
	1	5	17.34	17.38	17.10		0
	3	0	17.25	17.25	16.95		0
	3	2	17.32	17.21	16.96		0
	3	3	17.26	17.21	17.05		0
	6	0	17.27	17.19	16.91		0-2
64QAM	1	0	17.29	17.16	17.02	0-2	0
	1	2	17.18	17.33	16.92		0
	1	5	17.30	17.29	16.90		0
	3	0	17.24	17.23	17.02		0
	3	2	17.27	17.25	17.00		0
	3	3	17.28	17.20	17.00		0
	6	0	17.18	17.18	16.87		0-3
256QAM	1	0	17.24	17.22	16.84	0-5	0
	1	2	17.18	17.15	17.00		0
	1	5	17.21	17.12	16.91		0
	3	0	17.20	17.15	16.93		0
	3	2	17.17	17.19	16.94		0
	3	3	17.13	17.22	16.90		0
	6	0	17.10	17.06	16.85		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 60 of 321

H.1.11 LTE Band 30 Antenna A

Table H-61

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

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	22.19	0	0
	1	12	22.34		0
	1	24	22.30		0
	12	0	21.25	0-1	1
	12	6	21.21		1
	12	13	21.28		1
	25	0	21.19		1
16QAM	1	0	21.67	0-1	1
	1	12	21.69		1
	1	24	21.62		1
	12	0	20.36	0-2	2
	12	6	20.34		2
	12	13	20.40		2
	25	0	20.17		2
64QAM	1	0	20.38	0-2	2
	1	12	20.51		2
	1	24	20.40		2
	12	0	19.19	0-3	3
	12	6	19.28		3
	12	13	19.28		3
	25	0	19.16		3
256QAM	1	0	17.09	0-5	5
	1	12	17.43		5
	1	24	17.09		5
	12	0	17.12		5
	12	6	17.24		5
	12	13	17.22		5
	25	0	17.17		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 61 of 321

Table H-62
LTE Band 30 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	19.50	0	0
	1	12	19.60		0
	1	24	19.58		0
	12	0	19.53	0-1	0
	12	6	19.53		0
	12	13	19.55		0
	25	0	19.50		0
16QAM	1	0	19.86	0-1	0
	1	12	19.98		0
	1	24	19.71		0
	12	0	19.52	0-2	0
	12	6	19.58		0
	12	13	19.60		0
	25	0	19.51		0
64QAM	1	0	19.77	0-2	0
	1	12	19.89		0
	1	24	19.69		0
	12	0	19.53	0-3	0
	12	6	19.58		0
	12	13	19.67		0
	25	0	19.52		0
256QAM	1	0	17.55	0-5	1.5
	1	12	17.50		1.5
	1	24	17.51		1.5
	12	0	17.53		1.5
	12	6	17.55		1.5
	12	13	17.55		1.5
	25	0	17.54		1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 62 of 321

H.1.12 LTE Band 30 Antenna F

Table H-63

LTE Band 30 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	17.90	0	0
	1	12	17.92		0
	1	24	17.84		0
	12	0	17.92	0-1	0
	12	6	17.97		0
	12	13	17.86		0
	25	0	17.92		0
16QAM	1	0	17.96	0-1	0
	1	12	18.00		0
	1	24	17.96		0
	12	0	17.70	0-2	0
	12	6	17.75		0
	12	13	17.52		0
	25	0	17.63		0
64QAM	1	0	17.82	0-2	0
	1	12	17.84		0
	1	24	17.72		0
	12	0	17.75	0-3	0
	12	6	17.80		0
	12	13	17.70		0
	25	0	17.74		0
256QAM	1	0	16.06	0-5	2
	1	12	16.24		2
	1	24	16.05		2
	12	0	16.13		2
	12	6	16.16		2
	12	13	16.00		2
	25	0	16.10		2

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 63 of 321

Table H-64
LTE Band 30 Antenna F Measured P_{Limit} for DSI = 2 (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	17.26	0	0
	1	12	17.21		0
	1	24	17.23		0
	12	0	17.18	0-1	0
	12	6	17.15		0
	12	13	17.16		0
	25	0	17.12		0
16QAM	1	0	17.45	0-1	0
	1	12	17.40		0
	1	24	17.42		0
	12	0	17.25	0-2	0
	12	6	17.22		0
	12	13	17.25		0
	25	0	17.13		0
64QAM	1	0	17.49	0-2	0
	1	12	17.36		0
	1	24	17.45		0
	12	0	17.28	0-3	0
	12	6	17.16		0
	12	13	17.13		0
	25	0	17.15		0
256QAM	1	0	16.41	0-5	0.5
	1	12	16.33		0.5
	1	24	16.12		0.5
	12	0	16.25		0.5
	12	6	16.14		0.5
	12	13	16.12		0.5
	25	0	16.12		0.5

H.1.13 LTE Band 7 Antenna B

Table H-65
LTE Band 7 Antenna B Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.61	22.70	22.80	0	0
	1	36	22.61	22.59	22.64		0
	1	74	22.62	22.59	22.68		0
	36	0	21.56	21.64	21.68	0-1	1
	36	18	21.60	21.60	21.84		1
	36	37	21.61	21.70	21.82		1
	75	0	21.62	21.65	21.85		1
16QAM	1	0	21.90	21.98	21.79	0-1	1
	1	36	21.86	21.94	22.03		1
	1	74	22.10	21.95	22.37		1
	36	0	20.61	20.66	20.67	0-2	2
	36	18	20.62	20.75	20.77		2
	36	37	20.65	20.68	20.81		2
	75	0	20.66	20.56	20.78		2
64QAM	1	0	20.68	20.75	20.65	0-2	2
	1	36	20.54	21.05	20.71		2
	1	74	20.66	20.97	20.95		2
	36	0	19.62	19.61	19.62	0-3	3
	36	18	19.69	19.62	19.81		3
	36	37	19.62	19.71	19.77		3
	75	0	19.63	19.66	19.81		3
256QAM	1	0	17.61	17.72	17.97	0-5	5
	1	36	17.73	17.65	17.59		5
	1	74	17.47	17.78	18.03		5
	36	0	17.49	17.64	17.67		5
	36	18	17.64	17.66	17.76		5
	36	37	17.62	17.69	17.79		5
	75	0	17.64	17.63	17.84		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 65 of 321

Table H-66
LTE Band 7 Antenna B Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.62	22.80	22.92	0	0
	1	25	22.70	22.82	23.08		0
	1	49	22.81	22.79	23.14		0
	25	0	21.62	21.76	21.87	0-1	1
	25	12	21.75	21.81	21.94		1
	25	25	21.79	21.83	21.97		1
	50	0	21.74	21.80	21.95		1
16QAM	1	0	21.97	22.19	22.34	0-1	1
	1	25	22.13	22.20	22.48		1
	1	49	21.98	22.24	22.50		1
	25	0	20.71	20.76	20.90	0-2	2
	25	12	20.77	20.80	21.00		2
	25	25	20.75	20.81	21.01		2
	50	0	20.75	20.76	20.97		2
64QAM	1	0	21.07	20.98	20.97	0-2	2
	1	25	20.71	21.07	21.03		2
	1	49	21.04	21.00	21.17		2
	25	0	19.63	19.80	19.82	0-3	3
	25	12	19.80	19.77	19.97		3
	25	25	19.77	19.78	19.91		3
	50	0	19.75	19.80	19.92		3
256QAM	1	0	17.73	17.77	17.80	0-5	5
	1	25	17.73	17.95	18.15		5
	1	49	17.82	17.73	18.21		5
	25	0	17.67	17.77	17.94		5
	25	12	17.81	17.79	18.00		5
	25	25	17.72	17.82	17.98		5
	50	0	17.67	17.76	17.93		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 66 of 321

Table H-67
LTE Band 7 Antenna B Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.71	22.86	23.11	0	0
	1	12	22.75	22.91	22.99		0
	1	24	22.80	22.87	22.96		0
	12	0	21.64	21.78	21.88	0-1	1
	12	6	21.74	21.79	21.91		1
	12	13	21.74	21.84	21.96		1
25	0	21.67	21.69	21.89	1		
16QAM	1	0	22.08	22.16	22.35	0-1	1
	1	12	22.06	22.30	22.48		1
	1	24	21.87	22.23	22.48		1
	12	0	20.59	20.78	20.83	0-2	2
	12	6	20.77	20.90	20.94		2
	12	13	20.72	20.90	20.96		2
25	0	20.73	20.79	20.89	2		
64QAM	1	0	20.72	20.83	21.12	0-2	2
	1	12	20.95	20.99	21.19		2
	1	24	20.56	21.06	20.94		2
	12	0	19.67	19.75	19.89	0-3	3
	12	6	19.76	19.83	19.91		3
	12	13	19.71	19.90	19.90		3
25	0	19.78	19.77	19.87	3		
256QAM	1	0	17.96	17.43	17.96	0-5	5
	1	12	17.62	17.75	18.00		5
	1	24	17.84	17.94	17.90		5
	12	0	17.62	17.77	17.87		5
	12	6	17.71	17.79	17.86		5
	12	13	17.75	17.84	17.95		5
25	0	17.73	17.73	17.89	5		

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 67 of 321

Table H-68

LTE Band 7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.59	18.47	18.26	0	0
	1	36	18.38	18.56	18.36		0
	1	74	18.41	18.44	18.39		0
	36	0	18.42	18.50	18.38	0-1	0
	36	18	18.49	18.48	18.40		0
	36	37	18.48	18.56	18.51		0
	75	0	18.51	18.49	18.47		0
16QAM	1	0	18.84	19.17	18.87	0-1	0
	1	36	19.21	19.02	18.76		0
	1	74	18.87	18.98	18.71		0
	36	0	18.41	18.50	18.40	0-2	0
	36	18	18.57	18.54	18.45		0
	36	37	18.55	18.53	18.52		0
	75	0	18.55	18.55	18.44		0
64QAM	1	0	18.62	18.62	18.72	0-2	0
	1	36	18.58	18.50	18.69		0
	1	74	18.81	18.64	18.58		0
	36	0	18.45	18.61	18.43	0-3	0
	36	18	18.59	18.56	18.48		0
	36	37	18.60	18.60	18.55		0
	75	0	18.58	18.50	18.50		0
256QAM	1	0	18.16	17.95	18.05	0-5	1
	1	36	18.35	18.03	18.10		1
	1	74	18.22	18.27	18.10		1
	36	0	17.93	18.06	17.93		1
	36	18	18.05	18.02	17.93		1
	36	37	18.11	18.07	18.02		1
	75	0	18.07	18.06	18.00		1

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 68 of 321

Table H-69

LTE Band 7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.54	18.62	18.55	0	0
	1	25	18.61	18.73	18.69		0
	1	49	18.61	18.65	18.64		0
	25	0	18.56	18.64	18.54	0-1	0
	25	12	18.66	18.64	18.60		0
	25	25	18.63	18.70	18.68		0
	50	0	18.63	18.62	18.58		0
16QAM	1	0	19.10	19.05	19.02	0-1	0
	1	25	18.98	19.14	18.89		0
	1	49	18.94	19.09	18.98		0
	25	0	18.54	18.69	18.66	0-2	0
	25	12	18.68	18.73	18.66		0
	25	25	18.60	18.72	18.67		0
	50	0	18.61	18.69	18.62		0
64QAM	1	0	18.72	19.06	18.84	0-2	0
	1	25	18.69	19.00	18.87		0
	1	49	18.81	18.94	18.84		0
	25	0	18.65	18.74	18.65	0-3	0
	25	12	18.74	18.73	18.67		0
	25	25	18.73	18.80	18.81		0
	50	0	18.75	18.73	18.67		0
256QAM	1	0	18.17	18.16	18.08	0-5	1
	1	25	18.44	18.49	18.27		1
	1	49	18.16	18.27	18.23		1
	25	0	18.15	18.23	18.12		1
	25	12	18.24	18.25	18.10		1
	25	25	18.29	18.32	18.29		1
	50	0	18.26	18.22	18.18		1

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 69 of 321

Table H-70

LTE Band 7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.56	18.56	18.58	0	0
	1	12	18.69	18.65	18.69		0
	1	24	18.63	18.64	18.65		0
	12	0	18.52	18.64	18.58	0-1	0
	12	6	18.65	18.68	18.62		0
	12	13	18.63	18.72	18.69		0
	25	0	18.59	18.62	18.59		0
16QAM	1	0	19.07	19.11	18.98	0-1	0
	1	12	19.14	19.24	19.06		0
	1	24	18.96	19.13	19.05		0
	12	0	18.58	18.72	18.62	0-2	0
	12	6	18.66	18.76	18.70		0
	12	13	18.65	18.80	18.75		0
	25	0	18.65	18.68	18.65		0
64QAM	1	0	18.79	18.70	19.04	0-2	0
	1	12	18.80	18.83	18.89		0
	1	24	18.71	18.67	18.89		0
	12	0	18.60	18.69	18.71	0-3	0
	12	6	18.68	18.75	18.69		0
	12	13	18.72	18.84	18.71		0
	25	0	18.76	18.69	18.67		0
256QAM	1	0	18.22	18.55	18.35	0-5	1
	1	12	18.44	18.52	18.55		1
	1	24	18.22	18.48	18.53		1
	12	0	18.17	18.24	18.18		1
	12	6	18.21	18.29	18.15		1
	12	13	18.21	18.34	18.18		1
	25	0	18.22	18.20	18.18		1

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 70 of 321

H.1.14 LTE Band 7 Antenna F

Table H-71

LTE Band 7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.39	17.44	17.34	0	0
	1	36	17.48	17.43	17.32		0
	1	74	17.43	17.37	17.23		0
	36	0	17.41	17.48	17.43	0-1	0
	36	18	17.49	17.45	17.38		0
	36	37	17.47	17.49	17.42		0
	75	0	17.48	17.40	17.36		0
16QAM	1	0	17.65	17.80	17.69	0-1	0
	1	36	17.74	17.79	17.70		0
	1	74	17.63	17.72	17.70		0
	36	0	17.44	17.50	17.45	0-2	0
	36	18	17.52	17.49	17.43		0
	36	37	17.48	17.52	17.46		0
	75	0	17.47	17.45	17.38		0
64QAM	1	0	17.74	17.78	17.77	0-2	0
	1	36	17.85	17.83	17.75		0
	1	74	17.81	17.78	17.76		0
	36	0	17.66	17.64	17.64	0-3	0
	36	18	17.71	17.66	17.62		0
	36	37	17.72	17.69	17.66		0
	75	0	17.70	17.61	17.61		0
256QAM	1	0	17.62	17.78	17.62	0-5	0
	1	36	17.76	17.84	17.78		0
	1	74	17.79	17.90	17.76		0
	36	0	17.61	17.64	17.63		0
	36	18	17.72	17.63	17.61		0
	36	37	17.71	17.71	17.67		0
	75	0	17.69	17.62	17.61		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 71 of 321

Table H-72

LTE Band 7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.58	17.70	17.66	0	0
	1	25	17.54	17.70	17.55		0
	1	49	17.65	17.66	17.51		0
	25	0	17.59	17.65	17.57	0-1	0
	25	12	17.66	17.61	17.60		0
	25	25	17.63	17.64	17.55		0
	50	0	17.61	17.56	17.58		0
16QAM	1	0	17.86	17.93	17.85	0-1	0
	1	25	17.87	17.97	17.83		0
	1	49	17.93	17.90	17.75		0
	25	0	17.55	17.58	17.52	0-2	0
	25	12	17.63	17.60	17.60		0
	25	25	17.61	17.66	17.57		0
	50	0	17.62	17.56	17.55		0
64QAM	1	0	17.87	17.94	17.90	0-2	0
	1	25	17.94	17.92	17.79		0
	1	49	17.93	17.89	17.87		0
	25	0	17.78	17.81	17.80	0-3	0
	25	12	17.86	17.84	17.83		0
	25	25	17.83	17.89	17.82		0
	50	0	17.82	17.77	17.80		0
256QAM	1	0	17.77	17.85	17.88	0-5	0
	1	25	17.93	17.97	17.95		0
	1	49	17.76	17.90	17.85		0
	25	0	17.70	17.79	17.72		0
	25	12	17.82	17.81	17.83		0
	25	25	17.79	17.87	17.80		0
	50	0	17.78	17.77	17.83		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 72 of 321

Table H-73

LTE Band 7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.71	17.64	17.47	0	0
	1	12	17.75	17.71	17.55		0
	1	24	17.68	17.67	17.49		0
	12	0	17.62	17.55	17.46	0-1	0
	12	6	17.66	17.58	17.56		0
	12	13	17.62	17.65	17.55		0
16QAM	25	0	17.63	17.60	17.54	0	
	1	0	17.90	17.98	17.83	0-1	0
	1	12	17.95	17.96	17.92		0
	1	24	17.99	17.97	17.84		0
	12	0	17.64	17.59	17.47	0-2	0
	12	6	17.68	17.64	17.57		0
12	13	17.67	17.64	17.55	0		
64QAM	25	0	17.61	17.63	17.52	0	
	1	0	17.89	17.92	17.92	0-2	0
	1	12	18.00	17.95	17.76		0
	1	24	17.87	17.84	17.85		0
	12	0	17.77	17.77	17.69	0-3	0
	12	6	17.82	17.82	17.84		0
12	13	17.83	17.84	17.80	0		
256QAM	25	0	17.80	17.84	17.77	0	
	1	0	17.78	17.88	17.76	0-5	0
	1	12	17.90	18.04	17.94		0
	1	24	17.96	17.91	17.80		0
	12	0	17.78	17.77	17.73		0
	12	6	17.83	17.84	17.86		0
12	13	17.81	17.83	17.81	0		
	25	0	17.80	17.83	17.81	0	

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 73 of 321

Table H-74
LTE Band 7 Antenna F Measured P_{Limit} for DSI = 2 (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	15.23	15.22	15.04	0	0
	1	36	15.30	15.24	15.06		0
	1	74	15.24	15.14	15.03		0
	36	0	15.22	15.17	15.13	0-1	0
	36	18	15.29	15.15	15.18		0
	36	37	15.29	15.22	15.15		0
	75	0	15.28	15.22	15.17		0
16QAM	1	0	15.30	15.38	15.41	0-1	0
	1	36	15.45	15.42	15.42		0
	1	74	15.36	15.36	15.34		0
	36	0	15.09	15.19	15.13	0-2	0
	36	18	15.16	15.18	15.18		0
	36	37	15.14	15.25	15.18		0
	75	0	15.15	15.25	15.18		0
64QAM	1	0	15.31	15.35	15.39	0-2	0
	1	36	15.40	15.40	15.46		0
	1	74	15.44	15.35	15.35		0
	36	0	15.09	15.20	15.13	0-3	0
	36	18	15.17	15.20	15.17		0
	36	37	15.15	15.25	15.18		0
	75	0	15.16	15.24	15.18		0
256QAM	1	0	15.34	15.31	15.41	0-5	0
	1	36	15.44	15.41	15.36		0
	1	74	15.30	15.41	15.29		0
	36	0	15.09	15.20	15.12		0
	36	18	15.17	15.17	15.20		0
	36	37	15.16	15.24	15.19		0
	75	0	15.15	15.27	15.18		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 74 of 321

Table H-75
LTE Band 7 Antenna F Measured P_{Limit} for DSI = 2 (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	15.33	15.43	15.35	0	0
	1	25	15.49	15.47	15.37		0
	1	49	15.47	15.48	15.30		0
	25	0	15.44	15.40	15.29	0-1	0
	25	12	15.34	15.24	15.11		0
	25	25	15.33	15.23	15.17		0
	50	0	15.31	15.24	15.08		0
16QAM	1	0	15.37	15.30	15.46	0-1	0
	1	25	15.44	15.34	15.45		0
	1	49	15.45	15.22	15.23		0
	25	0	15.24	15.24	15.08	0-2	0
	25	12	15.35	15.29	15.14		0
	25	25	15.34	15.28	15.14		0
	50	0	15.29	15.26	15.08		0
64QAM	1	0	15.36	15.40	15.44	0-2	0
	1	25	15.36	15.34	15.42		0
	1	49	15.42	15.37	15.35		0
	25	0	15.22	15.20	15.14	0-3	0
	25	12	15.34	15.24	15.16		0
	25	25	15.33	15.28	15.16		0
	50	0	15.28	15.26	15.08		0
256QAM	1	0	15.36	15.44	15.40	0-5	0
	1	25	15.33	15.27	15.39		0
	1	49	15.46	15.21	15.20		0
	25	0	15.22	15.19	15.11		0
	25	12	15.33	15.27	15.14		0
	25	25	15.32	15.25	15.19		0
	50	0	15.29	15.25	15.09		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 75 of 321

Table H-76
LTE Band 7 Antenna F Measured P_{Limit} for DSI = 2 (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	15.12	15.10	15.17	0	0
	1	12	15.36	15.33	15.15		0
	1	24	15.30	15.34	15.10		0
	12	0	15.31	15.23	15.09	0-1	0
	12	6	15.38	15.33	15.18		0
	12	13	15.43	15.29	15.17		0
	25	0	15.38	15.27	15.15		0
16QAM	1	0	15.39	15.41	15.34	0-1	0
	1	12	15.46	15.40	15.35		0
	1	24	15.43	15.37	15.30		0
	12	0	15.32	15.26	15.13	0-2	0
	12	6	15.35	15.37	15.24		0
	12	13	15.43	15.35	15.19		0
	25	0	15.43	15.31	15.20		0
64QAM	1	0	15.40	15.42	15.46	0-2	0
	1	12	15.44	15.45	15.41		0
	1	24	15.40	15.38	15.38		0
	12	0	15.32	15.27	15.10	0-3	0
	12	6	15.42	15.35	15.22		0
	12	13	15.41	15.36	15.17		0
	25	0	15.40	15.30	15.19		0
256QAM	1	0	15.33	15.41	15.42	0-5	0
	1	12	15.43	15.37	15.37		0
	1	24	15.42	15.38	15.30		0
	12	0	15.30	15.26	15.10		0
	12	6	15.31	15.29	15.22		0
	12	13	15.41	15.35	15.19		0
	25	0	15.35	15.27	15.16		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 76 of 321

H.1.1 LTE Band 41 Antenna B

Table H-77

LTE Band 41 PC3 Antenna B Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 15 MHz Bandwidth

LTE Band 41									
15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	24.09	24.13	24.05	24.09	24.07	0	0
	1	36	24.14	24.16	24.01	24.09	24.11		0
	1	74	24.11	24.17	24.06	24.16	24.10		0
	36	0	23.14	23.12	23.08	23.07	23.00		1
	36	18	23.11	23.18	23.17	23.09	23.00		1
	36	37	23.17	23.18	23.13	23.15	23.13		1
	75	0	23.17	23.17	23.17	23.06	22.97		1
16QAM	1	0	22.98	23.16	23.12	22.88	23.10	0-1	1
	1	36	22.99	23.14	23.06	22.93	22.79		1
	1	74	23.02	23.19	23.10	23.03	23.01		1
	36	0	22.12	22.12	22.13	22.08	22.01		2
	36	18	22.11	22.21	22.20	22.07	21.99		2
	36	37	22.18	22.19	22.18	22.17	22.04		2
	75	0	22.20	22.19	22.17	22.09	22.00		2
64QAM	1	0	21.76	22.18	22.13	22.02	21.82	0-2	2
	1	36	22.15	22.19	22.15	22.08	21.92		2
	1	74	22.09	22.30	22.17	22.08	22.03		2
	36	0	21.19	21.16	21.16	21.06	21.05		3
	36	18	21.17	21.24	21.21	21.09	21.01		3
	36	37	21.22	21.23	21.22	21.16	21.12		3
	75	0	21.27	21.25	21.21	21.09	20.97		3
256QAM	1	0	19.02	19.06	18.99	18.95	19.00	0-5	5
	1	36	19.09	19.13	19.07	19.04	19.11		5
	1	74	19.14	19.23	19.15	19.13	19.07		5
	36	0	19.17	19.14	19.15	19.09	19.01		5
	36	18	19.16	19.21	19.17	19.07	19.02		5
	36	37	19.22	19.20	19.16	19.15	19.12		5
	75	0	19.24	19.23	19.18	19.08	19.02		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 77 of 321

Table H-78

LTE Band 41 PC3 Antenna B Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	24.07	23.98	24.16	24.22	24.25	0	0	
	1	25	24.07	24.07	24.24	24.31	24.25		0	
	1	49	23.97	24.02	24.21	24.26	24.25		0	
	25	0	22.90	23.01	23.12	23.20	23.16	0-1	1	
	25	12	23.02	23.10	23.24	23.27	23.15		1	
	25	25	22.95	23.09	23.19	23.27	23.20		1	
16QAM	50	0	22.95	23.08	23.23	23.29	23.12	0-1	1	
	1	0	22.99	23.13	23.30	23.29	23.24		1	
	1	25	23.03	23.24	23.25	23.31	23.17		1	
	1	49	22.75	23.19	23.17	23.22	23.18	0-2	2	
	25	0	21.84	22.00	22.12	22.22	22.15		2	
	25	12	22.02	22.12	22.20	22.32	22.15		2	
64QAM	25	25	21.99	22.13	22.24	22.26	22.18	0-2	2	
	50	0	22.01	22.13	22.24	22.28	22.12		2	
	1	0	21.91	21.95	22.28	22.44	22.11		0-3	3
	1	25	21.96	22.07	22.22	22.27	22.02	2		
	1	49	21.91	21.94	22.37	22.48	22.17	3		
	25	0	20.96	21.04	21.21	21.18	21.19	0-3	3	
25	12	20.99	21.16	21.33	21.29	21.14	3			
25	25	20.99	21.18	21.28	21.33	21.20	3			
256QAM	50	0	21.00	21.14	21.25	21.33	21.08	0-3	3	
	1	0	18.81	18.89	19.15	19.21	19.09		0-5	5
	1	25	18.87	19.24	19.21	19.30	19.31			5
	1	49	18.98	18.88	19.23	19.26	19.11	5		
	25	0	18.86	19.02	19.19	19.21	19.10	5		
	25	12	19.04	19.15	19.29	19.29	19.19	5		
256QAM	25	25	19.00	19.14	19.29	19.26	19.22	5		
	50	0	18.99	19.11	19.25	19.28	19.22	5		

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 78 of 321

Table H-79

LTE Band 41 PC3 Antenna B Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.82	23.95	24.09	24.22	23.97	0	0
	1	12	23.86	24.05	24.13	24.21	24.10		0
	1	24	23.87	24.00	24.03	24.20	24.01		0
	12	0	22.90	22.99	23.16	23.08	23.07	0-1	1
	12	6	22.93	23.09	23.20	23.24	23.04		1
	12	13	22.88	23.11	23.22	23.20	23.10		1
16QAM	25	0	22.94	23.03	23.19	23.20	23.03	0-1	1
	1	0	22.93	22.85	22.87	23.17	23.08		1
	1	12	22.79	23.27	23.10	23.41	23.32		1
	1	24	22.95	23.04	23.20	23.20	23.06	0-2	1
	12	0	21.99	21.99	22.17	22.09	22.05		2
	12	6	21.97	22.07	22.18	22.16	22.07		2
64QAM	12	13	21.94	22.11	22.17	22.15	22.10	0-2	2
	25	0	21.96	22.10	22.21	22.22	22.01		2
	1	0	21.95	21.88	22.02	22.21	22.14	0-2	2
	1	12	22.22	22.22	22.09	22.25	22.07		2
	1	24	21.90	21.86	22.12	22.18	22.16	0-3	2
	12	0	21.00	21.05	21.18	21.15	21.03		3
256QAM	12	6	21.02	21.25	21.17	21.25	21.06	0-3	3
	12	13	21.02	21.12	21.26	21.18	21.12		3
	25	0	20.91	21.05	21.23	21.22	21.03	0-5	3
	1	0	18.62	19.01	19.02	19.10	18.88		5
	1	12	18.77	19.11	19.32	19.34	19.11	0-5	5
	1	24	18.70	19.07	19.39	19.02	18.89		5
256QAM	12	0	18.89	19.05	19.19	19.18	19.10	0-5	5
	12	6	19.00	19.22	19.25	19.21	19.04		5
	12	13	18.94	19.07	19.23	19.18	19.10	0-5	5
	25	0	18.92	19.12	19.18	19.16	19.03		5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 79 of 321

Table H-80
LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	19.18	18.89	19.20	19.25	18.98	0	0
	1	36	19.12	18.91	19.21	19.17	19.01		0
	1	74	18.99	18.90	19.24	19.21	18.99		0
	36	0	19.19	18.98	19.21	19.18	19.03	0-1	0
	36	18	19.18	18.95	19.28	19.23	19.05		0
	36	37	19.12	19.01	19.29	19.20	19.09		0
	75	0	19.17	19.02	19.24	19.18	19.01		0
16QAM	1	0	19.25	18.95	19.01	19.19	19.05	0-1	0
	1	36	19.21	18.93	19.13	19.13	19.14		0
	1	74	19.07	18.97	18.95	19.26	19.10		0
	36	0	19.18	18.96	19.15	19.15	19.02	0-2	0
	36	18	19.18	18.94	19.24	19.24	19.05		0
	36	37	19.14	19.01	19.21	19.15	19.07		0
	75	0	19.18	19.04	19.23	19.17	19.01		0
64QAM	1	0	19.28	19.04	19.03	19.10	19.15	0-2	0
	1	36	19.17	18.98	19.09	19.24	18.97		0
	1	74	19.13	19.01	18.92	19.27	19.08		0
	36	0	19.21	18.98	19.17	19.16	19.03	0-3	0
	36	18	19.19	18.95	19.21	19.24	19.01		0
	36	37	19.11	19.04	19.23	19.14	19.10		0
	75	0	19.13	19.02	19.21	19.17	19.03		0
256QAM	1	0	18.90	18.64	18.97	18.87	18.78	0-5	0
	1	36	18.88	18.85	19.00	18.81	18.76		0
	1	74	18.97	18.77	19.03	19.05	18.72		0
	36	0	19.00	18.81	18.95	18.95	18.82		0
	36	18	18.96	18.78	19.05	19.00	18.83		0
	36	37	18.99	18.84	19.04	18.99	18.83		0
	75	0	18.97	18.87	19.02	18.99	18.80		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 80 of 321

Table H-81
LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	19.24	19.04	19.34	19.26	19.11	0	0
	1	25	19.26	19.14	19.44	19.33	19.20		0
	1	49	19.20	19.06	19.34	19.22	19.14		0
	25	0	19.31	19.10	19.29	19.30	19.19	0-1	0
	25	12	19.34	19.19	19.44	19.36	19.22		0
	25	25	19.29	19.16	19.39	19.33	19.23		0
	50	0	19.28	19.17	19.41	19.36	19.15		0
16QAM	1	0	19.31	19.07	19.29	19.34	19.23	0-1	0
	1	25	19.42	19.18	19.33	19.45	19.19		0
	1	49	19.26	19.05	18.97	19.36	19.15		0
	25	0	19.35	19.11	19.36	19.26	19.16	0-2	0
	25	12	19.33	19.23	19.41	19.33	19.15		0
	25	25	19.28	19.20	19.41	19.31	19.23		0
	50	0	19.30	19.14	19.38	19.34	19.19		0
64QAM	1	0	19.21	19.22	19.29	19.27	19.18	0-2	0
	1	25	19.32	19.18	19.41	19.30	19.42		0
	1	49	19.12	19.09	19.18	19.19	19.13		0
	25	0	19.30	19.13	19.29	19.28	19.18	0-3	0
	25	12	19.33	19.22	19.41	19.35	19.18		0
	25	25	19.28	19.20	19.40	19.31	19.28		0
	50	0	19.33	19.22	19.37	19.31	19.17		0
256QAM	1	0	19.00	18.85	19.08	19.08	19.03	0-5	0
	1	25	19.14	18.88	19.19	19.24	18.96		0
	1	49	19.09	18.91	19.20	19.18	18.91		0
	25	0	19.14	18.92	19.18	19.08	18.95		0
	25	12	19.14	19.10	19.26	19.22	19.01		0
	25	25	19.09	19.00	19.15	19.11	19.04		0
	50	0	19.10	19.03	19.15	19.15	18.97		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 81 of 321

Table H-82
LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	19.32	19.05	19.28	19.32	19.12	0	0
	1	12	19.35	19.14	19.40	19.45	19.21		0
	1	24	19.30	19.09	19.28	19.35	19.15		0
	12	0	19.30	19.15	19.41	19.25	19.18	0-1	0
	12	6	19.34	19.22	19.37	19.33	19.17		0
	12	13	19.26	19.14	19.34	19.37	19.22		0
16QAM	25	0	19.28	19.13	19.38	19.34	19.16	0-1	0
	1	0	19.38	19.29	19.28	19.25	19.34		0
	1	12	19.32	19.38	19.40	19.41	19.41		0
	1	24	19.26	19.33	19.30	19.28	19.31	0-2	0
	12	0	19.27	19.24	19.28	19.33	19.04		0
	12	6	19.33	19.26	19.30	19.42	19.09		0
64QAM	12	13	19.29	19.25	19.25	19.37	19.14	0-2	0
	25	0	19.28	19.15	19.43	19.33	19.09		0
	1	0	19.29	19.30	19.32	19.33	19.25	0-2	0
	1	12	19.34	19.11	19.30	19.31	19.35		0
	1	24	19.31	19.16	19.25	19.25	19.25	0-3	0
	12	0	19.36	19.14	19.36	19.32	19.17		0
256QAM	12	6	19.36	19.20	19.41	19.45	19.22	0-3	0
	12	13	19.32	19.17	19.26	19.36	19.23		0
	25	0	19.30	19.20	19.36	19.33	19.13	0-5	0
	1	0	19.11	18.86	19.06	18.97	19.11		0
	1	12	19.23	19.08	19.15	19.13	19.14		0
	1	24	19.07	18.98	19.23	19.12	19.03	0-5	0
12	0	19.07	18.99	19.15	19.04	18.95	0		
12	6	19.14	19.01	19.22	19.16	19.02	0		
	12	13	19.09	18.92	19.19	19.12	18.99	0-5	0
	25	0	19.11	18.99	19.16	19.17	18.97		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 82 of 321

Table H-83
LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	19.97	19.72	19.96	20.02	19.74	0	0
	1	36	19.94	19.71	19.96	19.95	19.77		0
	1	74	19.85	19.75	20.02	19.92	19.80		0
	36	0	20.00	19.81	19.96	19.95	19.81	0-1	0
	36	18	19.98	19.74	20.01	20.02	19.80		0
	36	37	19.93	19.83	20.01	19.96	19.87		0
	75	0	19.98	19.83	20.01	19.99	19.81		0
16QAM	1	0	19.97	19.78	19.91	20.04	19.79	0-1	0
	1	36	19.99	19.67	20.00	20.00	19.79		0
	1	74	19.89	19.87	20.03	20.00	19.88		0
	36	0	20.01	19.79	19.97	19.95	19.84	0-2	0
	36	18	19.99	19.77	19.99	19.96	19.83		0
	36	37	19.96	19.83	20.02	19.98	19.89		0
	75	0	19.99	19.84	20.05	19.99	19.83		0
64QAM	1	0	19.96	19.79	19.98	19.90	19.77	0-2	0
	1	36	19.96	19.78	20.07	20.05	19.88		0
	1	74	19.88	19.80	19.90	19.93	19.82		0
	36	0	19.99	19.81	19.99	19.97	19.84	0-3	0
	36	18	19.99	19.77	20.01	20.01	19.86		0
	36	37	19.92	19.79	19.99	19.97	19.88		0
	75	0	19.97	19.86	20.04	19.99	19.82		0
256QAM	1	0	18.68	18.49	18.76	18.82	18.55	0-5	1
	1	36	18.83	18.57	18.81	18.80	18.71		1
	1	74	18.60	18.66	18.80	18.72	18.69		1
	36	0	18.83	18.58	18.77	18.74	18.63		1
	36	18	18.75	18.55	18.81	18.76	18.62		1
	36	37	18.78	18.63	18.81	18.75	18.70		1
	75	0	18.78	18.68	18.81	18.80	18.61		1

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 83 of 321

Table H-84
LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	20.07	19.89	20.14	20.09	19.96	0	0
	1	25	20.11	19.97	20.21	20.11	20.04		0
	1	49	20.02	19.88	20.10	20.04	19.93		0
	25	0	20.19	19.91	20.14	20.05	19.99	0-1	0
	25	12	20.16	20.03	20.24	20.21	20.03		0
	25	25	20.10	20.01	20.14	20.15	20.02		0
	50	0	20.13	19.97	20.18	20.14	19.99		0
16QAM	1	0	20.20	19.97	19.93	20.20	19.99	0-1	0
	1	25	20.20	20.04	20.05	20.28	20.16		0
	1	49	20.07	19.85	19.97	20.20	20.00		0
	25	0	20.17	19.91	20.12	20.14	19.97	0-2	0
	25	12	20.22	20.03	20.22	20.16	20.06		0
	25	25	20.17	20.01	20.09	20.16	20.07		0
	50	0	20.14	20.02	20.18	20.15	19.95		0
64QAM	1	0	20.07	19.93	19.99	20.14	19.99	0-2	0
	1	25	20.20	20.06	20.21	20.22	20.11		0
	1	49	20.11	19.89	20.06	20.02	19.99		0
	25	0	20.17	19.91	20.09	20.09	19.99	0-3	0
	25	12	20.15	20.03	20.22	20.21	20.04		0
	25	25	20.13	20.01	20.13	20.14	20.06		0
	50	0	20.10	20.01	20.19	20.17	19.99		0
256QAM	1	0	18.89	18.67	18.83	18.83	18.73	0-5	1
	1	25	19.04	18.76	18.86	19.12	18.86		1
	1	49	18.98	18.76	18.83	18.80	18.71		1
	25	0	18.95	18.75	18.89	18.88	18.81		1
	25	12	18.99	18.82	19.02	19.01	18.80		1
	25	25	18.93	18.77	18.98	18.92	18.84		1
	50	0	18.95	18.81	18.98	18.97	18.81		1

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 84 of 321

Table H-85
LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	20.14	19.90	20.07	20.09	19.93	0	0
	1	12	20.19	19.97	20.20	20.22	20.03		0
	1	24	20.13	19.88	20.13	20.12	19.97		0
	12	0	20.13	19.99	20.21	20.08	19.98	0-1	0
	12	6	20.15	20.04	20.19	20.17	20.01		0
	12	13	20.10	19.99	20.19	20.12	20.01		0
16QAM	25	0	20.11	19.98	20.17	20.13	19.97	0-1	0
	1	0	20.28	19.98	20.13	20.08	20.08		0
	1	12	20.30	20.13	20.16	20.27	20.14		0
	1	24	20.16	20.04	20.06	20.18	20.09	0-2	0
	12	0	20.15	20.00	20.18	20.11	19.96		0
	12	6	20.13	20.03	20.20	20.21	20.00		0
64QAM	12	13	20.10	19.97	20.22	20.16	20.00	0-2	0
	25	0	20.04	19.91	20.24	20.16	19.93		0
	1	0	20.12	20.09	20.25	20.00	20.06		0
	1	12	20.11	20.10	20.35	20.03	20.13	0-3	0
	1	24	20.20	20.00	20.16	20.07	20.03		0
	12	0	20.14	20.09	20.20	20.06	20.04		0
256QAM	12	6	20.19	20.14	20.28	20.19	20.05	0-3	0
	12	13	20.12	20.10	20.22	20.10	20.09		0
	25	0	20.14	20.00	20.13	20.14	19.98		0
	1	0	18.86	18.85	18.94	18.82	18.84	0-5	1
	1	12	18.86	18.84	19.01	19.03	18.95		1
	1	24	18.89	18.62	19.09	18.96	18.70		1
12	0	18.96	18.82	18.99	18.88	18.80	1		
12	6	18.99	18.86	19.00	19.05	18.82	1		
12	13	18.93	18.75	18.98	19.00	18.85	1		
	25	0	18.93	18.78	18.96	18.94	18.75		1

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 85 of 321

H.1.1 LTE Band 41 Antenna F

Table H-86

LTE Band 41 PC3 Antenna F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	18.52	18.59	18.63	18.44	18.60	0	0
	1	36	18.58	18.62	18.59	18.46	18.60		0
	1	74	18.49	18.63	18.53	18.49	18.66		0
	36	0	18.64	18.61	18.64	18.51	18.53	0-1	0
	36	18	18.70	18.67	18.71	18.48	18.55		0
	36	37	18.63	18.63	18.68	18.54	18.62		0
	75	0	18.64	18.63	18.70	18.50	18.54		0
16QAM	1	0	18.47	18.50	18.77	18.35	18.41	0-1	0
	1	36	18.55	18.54	18.79	18.44	18.36		0
	1	74	18.46	18.49	18.62	18.51	18.44		0
	36	0	18.64	18.59	18.69	18.46	18.56	0-2	0
	36	18	18.69	18.64	18.71	18.51	18.53		0
	36	37	18.62	18.67	18.69	18.57	18.62		0
	75	0	18.67	18.67	18.71	18.48	18.54		0
64QAM	1	0	18.66	18.49	18.68	18.52	18.56	0-2	0
	1	36	18.64	18.44	18.56	18.39	18.45		0
	1	74	18.43	18.61	18.67	18.40	18.54		0
	36	0	18.66	18.58	18.69	18.54	18.57	0-3	0
	36	18	18.66	18.69	18.71	18.49	18.53		0
	36	37	18.62	18.64	18.69	18.57	18.65		0
	75	0	18.68	18.67	18.71	18.49	18.57		0
256QAM	1	0	18.46	18.61	18.82	18.38	18.51	0-5	0
	1	36	18.57	18.57	18.58	18.38	18.35		0
	1	74	18.70	18.51	18.59	18.55	18.60		0
	36	0	18.67	18.63	18.62	18.52	18.57		0
	36	18	18.66	18.66	18.76	18.52	18.58		0
	36	37	18.67	18.65	18.71	18.56	18.66		0
	75	0	18.64	18.70	18.70	18.51	18.58		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 86 of 321

Table H-87

LTE Band 41 PC3 Antenna F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 41									
10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	18.69	18.70	18.79	18.64	18.66	0	0
	1	25	18.82	18.71	18.87	18.71	18.75		0
	1	49	18.70	18.66	18.73	18.64	18.68		0
	25	0	18.80	18.74	18.78	18.66	18.69	0-1	0
	25	12	18.81	18.83	18.86	18.70	18.73		0
	25	25	18.77	18.77	18.84	18.68	18.75		0
16QAM	50	0	18.81	18.80	18.82	18.66	18.69	0-1	0
	1	0	18.71	18.64	18.58	18.65	18.74		0
	1	25	18.80	18.60	18.73	18.75	18.77		0
	1	49	18.71	18.70	18.61	18.60	18.61	0-2	0
	25	0	18.81	18.77	18.80	18.63	18.72		0
	25	12	18.85	18.83	18.89	18.68	18.73		0
64QAM	25	25	18.83	18.80	18.87	18.71	18.79	0-2	0
	50	0	18.81	18.85	18.84	18.64	18.74		0
	1	0	18.69	18.61	18.76	18.62	18.77		0
	1	25	18.76	18.79	18.84	18.84	18.76	0-3	0
	1	49	18.76	18.82	18.64	18.70	18.66		0
	25	0	18.84	18.78	18.84	18.67	18.74		0
256QAM	25	12	18.89	18.85	18.90	18.68	18.81	0-3	0
	25	25	18.77	18.81	18.87	18.73	18.80		0
	50	0	18.83	18.83	18.86	18.69	18.75		0
	1	0	18.76	18.65	18.65	18.58	18.75	0-5	0
	1	25	18.73	18.82	18.79	18.76	18.73		0
	1	49	18.75	18.74	18.86	18.57	18.69		0
25	0	18.80	18.80	18.82	18.67	18.73	0		
25	12	18.86	18.86	18.88	18.71	18.75	0		
	25	25	18.81	18.82	18.90	18.76	18.84		0
	50	0	18.81	18.82	18.90	18.68	18.73		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 87 of 321

Table H-88

LTE Band 41 PC3 Antenna F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	18.74	18.66	18.67	18.60	18.59	0	0
	1	12	18.77	18.71	18.80	18.71	18.67		0
	1	24	18.73	18.63	18.74	18.62	18.62		0
	12	0	18.79	18.72	18.84	18.64	18.65	0-1	0
	12	6	18.79	18.82	18.88	18.65	18.68		0
	12	13	18.79	18.78	18.82	18.71	18.73		0
	25	0	18.77	18.79	18.84	18.62	18.67		0
16QAM	1	0	18.73	18.66	18.59	18.77	18.64	0-1	0
	1	12	18.72	18.80	18.77	18.76	18.73		0
	1	24	18.86	18.66	18.68	18.69	18.60		0
	12	0	18.82	18.70	18.89	18.70	18.67	0-2	0
	12	6	18.85	18.85	18.86	18.69	18.69		0
	12	13	18.82	18.82	18.81	18.72	18.76		0
	25	0	18.80	18.80	18.85	18.65	18.69		0
64QAM	1	0	18.72	18.63	18.69	18.64	18.71	0-2	0
	1	12	18.90	18.81	18.84	18.79	18.77		0
	1	24	18.71	18.80	18.70	18.54	18.63		0
	12	0	18.79	18.77	18.83	18.73	18.69	0-3	0
	12	6	18.88	18.78	18.82	18.70	18.75		0
	12	13	18.82	18.83	18.85	18.76	18.73		0
	25	0	18.80	18.83	18.87	18.65	18.69		0
256QAM	1	0	18.69	18.70	18.64	18.59	18.62	0-5	0
	1	12	18.76	18.86	18.68	18.84	18.75		0
	1	24	18.71	18.70	18.73	18.63	18.65		0
	12	0	18.80	18.78	18.88	18.65	18.68		0
	12	6	18.83	18.84	18.89	18.66	18.72		0
	12	13	18.79	18.83	18.89	18.73	18.76		0
	25	0	18.81	18.81	18.87	18.72	18.67		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 88 of 321

Table H-89
LTE Band 41 PC3 Antenna F Measured P_{Limit} for DSI = 2 (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	17.52	17.25	17.53	17.30	17.39	0	0
	1	36	17.54	17.27	17.51	17.40	17.39		0
	1	74	17.53	17.33	17.56	17.36	17.36		0
	36	0	17.54	17.29	17.53	17.35	17.42	0-1	0
	36	18	17.60	17.29	17.58	17.38	17.49		0
	36	37	17.59	17.39	17.58	17.33	17.47		0
	75	0	17.65	17.30	17.61	17.32	17.47		0
16QAM	1	0	17.40	17.25	17.41	17.31	17.39	0-1	0
	1	36	17.47	17.21	17.52	17.38	17.40		0
	1	74	17.49	17.34	17.40	17.37	17.33		0
	36	0	17.53	17.29	17.54	17.36	17.44	0-2	0
	36	18	17.60	17.31	17.60	17.40	17.51		0
	36	37	17.56	17.38	17.54	17.35	17.49		0
	75	0	17.57	17.28	17.60	17.44	17.51		0
64QAM	1	0	17.56	17.38	17.52	17.36	17.45	0-2	0
	1	36	17.62	17.36	17.59	17.44	17.48		0
	1	74	17.63	17.40	17.60	17.34	17.46		0
	36	0	17.49	17.30	17.52	17.32	17.39	0-3	0
	36	18	17.58	17.28	17.60	17.38	17.45		0
	36	37	17.57	17.37	17.58	17.31	17.44		0
	75	0	17.58	17.30	17.61	17.33	17.46		0
256QAM	1	0	17.40	17.23	17.40	17.19	17.28	0-5	0
	1	36	17.48	17.23	17.47	17.20	17.33		0
	1	74	17.50	17.30	17.38	17.34	17.31		0
	36	0	17.51	17.29	17.50	17.32	17.41		0
	36	18	17.58	17.25	17.54	17.28	17.47		0
	36	37	17.54	17.34	17.54	17.38	17.46		0
	75	0	17.56	17.31	17.57	17.30	17.47		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 89 of 321

Table H-90
LTE Band 41 PC3 Antenna F Measured P_{Limit} for DSI = 2 (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	17.56	17.37	17.64	17.44	17.51	0	0
	1	25	17.61	17.46	17.64	17.41	17.63		0
	1	49	17.53	17.39	17.58	17.31	17.51		0
	25	0	17.62	17.40	17.72	17.47	17.55	0-1	0
	25	12	17.69	17.44	17.77	17.46	17.52		0
	25	25	17.65	17.49	17.78	17.51	17.63		0
	50	0	17.62	17.41	17.65	17.39	17.49		0
16QAM	1	0	17.59	17.39	17.66	17.32	17.45	0-1	0
	1	25	17.65	17.45	17.69	17.40	17.57		0
	1	49	17.59	17.40	17.70	17.46	17.63		0
	25	0	17.62	17.43	17.71	17.45	17.60	0-2	0
	25	12	17.68	17.45	17.74	17.36	17.51		0
	25	25	17.65	17.50	17.78	17.44	17.59		0
	50	0	17.66	17.42	17.83	17.58	17.67		0
64QAM	1	0	17.64	17.47	17.72	17.48	17.52	0-2	0
	1	25	17.69	17.54	17.76	17.45	17.51		0
	1	49	17.64	17.47	17.66	17.29	17.37		0
	25	0	17.59	17.39	17.65	17.31	17.42	0-3	0
	25	12	17.64	17.43	17.75	17.48	17.61		0
	25	25	17.62	17.48	17.69	17.48	17.59		0
	50	0	17.62	17.40	17.76	17.50	17.58		0
256QAM	1	0	17.46	17.30	17.55	17.26	17.42	0-5	0
	1	25	17.50	17.41	17.54	17.33	17.48		0
	1	49	17.52	17.43	17.65	17.31	17.39		0
	25	0	17.54	17.41	17.67	17.39	17.48		0
	25	12	17.63	17.43	17.74	17.41	17.54		0
	25	25	17.61	17.48	17.69	17.40	17.52		0
	50	0	17.60	17.40	17.66	17.34	17.48		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 90 of 321

Table H-91
LTE Band 41 PC3 Antenna F Measured P_{Limit} for DSI = 2 (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	17.62	17.21	17.53	17.34	17.46	0	0
	1	12	17.73	17.28	17.57	17.21	17.63		0
	1	24	17.78	17.27	17.56	17.22	17.43		0
	12	0	17.77	17.21	17.62	17.65	17.49	0-1	0
	12	6	17.85	17.34	17.57	17.61	17.38		0
	12	13	17.84	17.29	17.69	17.46	17.57		0
16QAM	25	0	17.82	17.19	17.58	17.46	17.35	0-1	0
	1	0	17.60	17.26	17.47	17.45	17.35		0
	1	12	17.51	17.55	17.52	17.50	17.37		0
	1	24	17.53	17.48	17.39	17.47	17.41	0-2	0
	12	0	17.70	17.54	17.41	17.53	17.62		0
	12	6	17.66	17.35	17.58	17.44	17.64		0
64QAM	12	13	17.60	17.47	17.60	17.55	17.58	0-2	0
	25	0	17.45	17.41	17.71	17.49	17.68		0
	1	0	17.45	17.42	17.50	17.50	17.58	0-2	0
	1	12	17.78	17.61	17.72	17.42	17.54		0
	1	24	17.57	17.60	17.65	17.28	17.45	0-3	0
	12	0	17.57	17.54	17.66	17.34	17.26		0
256QAM	12	6	17.54	17.52	17.70	17.58	17.43	0-3	0
	12	13	17.42	17.60	17.55	17.54	17.37		0
	25	0	17.53	17.58	17.66	17.57	17.54	0-5	0
	1	0	17.39	17.45	17.40	17.32	17.31		0
	1	12	17.44	17.42	17.47	17.45	17.43		0
	1	24	17.60	17.42	17.63	17.21	17.33	0	
12	0	17.52	17.42	17.57	17.37	17.37	0		
12	6	17.58	17.38	17.54	17.41	17.47	0		
12	13	17.51	17.46	17.73	17.41	17.50	0		
25	0	17.45	17.36	17.70	17.42	17.63	0		

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 91 of 321

H.1.1 LTE Band 48

Table H-92

LTE Band 48 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	20.83	20.70	20.92	20.67	0	0
	1	36	20.88	20.77	20.93	20.61		0
	1	74	20.89	20.74	20.84	20.61		0
	36	0	20.93	20.81	20.94	20.73	0-1	0
	36	18	20.96	20.89	20.99	20.72		0
	36	37	20.97	20.91	20.99	20.74		0
	75	0	20.89	20.86	20.93	20.71		0
16QAM	1	0	20.66	20.63	20.84	20.61	0-1	0
	1	36	20.75	20.79	20.81	20.57		0
	1	74	20.88	20.64	20.87	20.51		0
	36	0	20.22	20.13	20.24	20.06	0-2	0.5
	36	18	20.26	20.17	20.31	20.02		0.5
	36	37	20.28	20.18	20.26	20.02		0.5
	75	0	20.23	20.18	20.20	20.01		0.5
64QAM	1	0	20.17	20.03	20.43	19.99	0-2	0.5
	1	36	20.25	20.13	20.29	19.93		0.5
	1	74	20.06	20.13	20.03	19.89		0.5
	36	0	19.22	19.14	19.22	19.00	0-3	1.5
	36	18	19.25	19.21	19.28	19.03		1.5
	36	37	19.23	19.19	19.26	19.03		1.5
	75	0	19.27	19.20	19.20	19.02		1.5
256QAM	1	0	17.03	17.14	17.20	16.94	0-5	3.5
	1	36	17.21	17.10	17.35	17.01		3.5
	1	74	17.31	17.12	17.20	17.01		3.5
	36	0	17.23	17.14	17.24	17.06		3.5
	36	18	17.25	17.17	17.29	17.04		3.5
	36	37	17.24	17.24	17.29	17.02		3.5
	75	0	17.24	17.19	17.20	17.04		3.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 92 of 321

Table H-93

LTE Band 48 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	20.45	20.39	21.16	20.81	0	0
	1	25	20.58	20.46	21.18	20.85		0
	1	49	20.48	20.46	21.06	20.83		0
	25	0	20.60	20.40	21.15	20.81	0-1	0
	25	12	20.60	20.53	21.15	20.86		0
	25	25	20.58	20.46	21.11	20.93		0
	50	0	20.59	20.49	21.13	20.81		0
16QAM	1	0	20.43	20.52	21.01	20.85	0-1	0
	1	25	20.56	20.52	20.95	20.86		0
	1	49	20.48	20.50	20.96	20.78		0
	25	0	19.91	19.77	20.43	20.13	0-2	0.5
	25	12	19.98	19.83	20.47	20.13		0.5
	25	25	19.96	19.82	20.44	20.20		0.5
	50	0	19.94	19.84	20.42	20.10		0.5
64QAM	1	0	19.82	19.67	20.31	20.09	0-2	0.5
	1	25	19.81	19.74	20.39	20.15		0.5
	1	49	19.83	19.76	20.32	20.10		0.5
	25	0	18.87	18.72	19.43	19.11	0-3	1.5
	25	12	18.96	18.81	19.46	19.14		1.5
	25	25	18.92	18.85	19.40	19.23		1.5
	50	0	18.95	18.83	19.45	19.08		1.5
256QAM	1	0	16.80	16.72	17.45	16.96	0-5	3.5
	1	25	16.83	16.81	17.37	17.09		3.5
	1	49	16.88	16.61	17.28	17.14		3.5
	25	0	16.92	16.68	17.39	17.05		3.5
	25	12	16.93	16.81	17.41	17.14		3.5
	25	25	16.87	16.83	17.37	17.17		3.5
	50	0	16.91	16.79	17.41	17.08		3.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 93 of 321

Table H-94

LTE Band 48 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 3 (Hotspot mode active), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.8 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	20.71	20.73	20.62	20.78	0	0
	1	12	20.86	20.85	20.70	20.87		0
	1	24	20.77	20.78	20.65	20.80		0
	12	0	20.86	20.77	20.71	20.90	0-1	0
	12	6	20.85	20.78	20.73	20.93		0
	12	13	20.89	20.79	20.73	20.87		0
	25	0	20.83	20.74	20.71	20.91		0
16QAM	1	0	20.71	20.70	20.70	20.84	0-1	0
	1	12	20.88	20.77	20.59	20.91		0
	1	24	20.78	20.84	20.65	20.75		0
	12	0	20.18	20.11	20.00	20.18	0-2	0.5
	12	6	20.26	20.16	20.03	20.22		0.5
	12	13	20.21	20.11	20.00	20.16		0.5
	25	0	20.19	20.11	20.04	20.20		0.5
64QAM	1	0	20.13	19.93	20.03	20.00	0-2	0.5
	1	12	20.18	20.08	20.11	20.24		0.5
	1	24	20.17	20.13	19.95	20.13		0.5
	12	0	19.23	19.11	19.00	19.18	0-3	1.5
	12	6	19.25	19.17	19.01	19.18		1.5
	12	13	19.17	19.10	18.95	19.18		1.5
	25	0	19.18	19.11	18.99	19.18		1.5
256QAM	1	0	17.18	16.98	16.98	17.07	0-5	3.5
	1	12	17.32	17.14	17.07	17.14		3.5
	1	24	17.18	17.03	16.94	17.05		3.5
	12	0	17.13	17.14	17.01	17.09		3.5
	12	6	17.17	17.15	16.97	17.17		3.5
	12	13	17.17	17.04	16.98	17.19		3.5
	25	0	17.18	17.07	16.96	17.16		3.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 94 of 321

Table H-95
LTE Band 48 Measured P_{Limit} for DSI = 2 (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	15.91	16.16	16.10	16.02	0	0
	1	36	15.94	16.14	16.05	15.99		0
	1	74	15.95	16.10	16.01	15.91		0
	36	0	16.03	16.07	16.14	16.02	0-1	0
	36	18	15.98	16.17	16.20	16.02		0
	36	37	15.99	16.17	16.19	16.02		0
	75	0	15.98	16.11	16.13	15.99		0
16QAM	1	0	15.78	15.99	16.04	15.96	0-1	0
	1	36	15.88	16.22	16.21	15.77		0
	1	74	15.66	16.20	16.08	15.71		0
	36	0	16.01	16.06	16.12	16.07	0-2	0
	36	18	16.01	16.14	16.21	16.01		0
	36	37	15.98	16.15	16.22	16.02		0
	75	0	15.97	16.15	16.12	16.03		0
64QAM	1	0	15.92	16.14	16.08	15.94	0-2	0
	1	36	16.00	16.19	16.10	15.99		0
	1	74	16.04	16.20	16.12	16.04		0
	36	0	16.03	16.08	16.03	16.01	0-3	0
	36	18	16.04	16.19	16.06	16.02		0
	36	37	16.05	16.22	16.07	16.03		0
	75	0	16.09	16.24	16.21	16.11		0
256QAM	1	0	15.95	15.89	15.85	15.84	0-5	0
	1	36	15.97	15.91	15.86	15.87		0
	1	74	16.11	16.06	15.88	15.88		0
	36	0	16.10	16.04	16.02	16.04		0
	36	18	16.14	16.08	16.05	16.04		0
	36	37	16.15	16.10	16.07	16.08		0
	75	0	16.04	16.15	16.12	16.05		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 95 of 321

Table H-96
LTE Band 48 Measured P_{Limit} for DSI = 2 (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	16.09	16.24	16.35	16.04	0	0
	1	25	16.15	16.30	16.35	16.16		0
	1	49	16.07	16.25	16.34	16.10		0
	25	0	16.11	16.17	16.36	16.06	0-1	0
	25	12	16.12	16.28	16.39	16.10		0
	25	25	16.10	16.27	16.35	16.13		0
	50	0	16.12	16.28	16.34	16.08		0
16QAM	1	0	16.15	16.00	16.18	16.04	0-1	0
	1	25	16.10	16.20	16.22	16.06		0
	1	49	16.04	16.15	16.23	15.99		0
	25	0	16.07	16.15	16.29	16.04	0-2	0
	25	12	16.11	16.23	16.36	16.09		0
	25	25	16.07	16.28	16.32	16.08		0
	50	0	16.10	16.26	16.33	16.03		0
64QAM	1	0	16.08	16.26	16.30	15.98	0-2	0
	1	25	16.11	16.28	16.34	16.01		0
	1	49	16.09	16.26	16.35	16.02		0
	25	0	16.20	16.31	16.39	16.08	0-3	0
	25	12	16.25	16.33	16.40	16.10		0
	25	25	16.20	16.29	16.40	16.08		0
	50	0	16.23	16.33	16.42	16.09		0
256QAM	1	0	16.01	16.09	16.12	15.98	0-5	0
	1	25	16.17	16.21	16.23	16.14		0
	1	49	16.06	16.15	16.25	16.01		0
	25	0	16.18	16.17	16.22	16.05		0
	25	12	16.29	16.28	16.28	16.15		0
	25	25	16.27	16.25	16.31	16.20		0
	50	0	16.20	16.24	16.25	16.09		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 96 of 321

Table H-97
LTE Band 48 Measured P_{Limit} for DSI = 2 (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	15.93	16.11	16.21	16.07	0	0
	1	12	15.97	16.16	16.26	16.11		0
	1	24	15.92	16.12	16.19	16.01		0
	12	0	16.05	16.21	16.33	16.12	0-1	0
	12	6	16.06	16.25	16.36	16.14		0
	12	13	16.04	16.26	16.31	16.10		0
	25	0	16.03	16.26	16.29	16.11		0
16QAM	1	0	16.05	16.11	16.23	15.98	0-1	0
	1	12	16.04	16.16	16.28	16.07		0
	1	24	15.95	16.15	16.19	15.98		0
	12	0	16.08	16.22	16.31	16.08	0-2	0
	12	6	16.09	16.26	16.35	16.11		0
	12	13	16.04	16.25	16.32	16.07		0
	25	0	16.06	16.24	16.31	16.05		0
64QAM	1	0	16.12	16.28	16.37	16.08	0-2	0
	1	12	16.15	16.28	16.39	16.11		0
	1	24	16.13	16.25	16.36	16.10		0
	12	0	16.18	16.32	16.41	16.21	0-3	0
	12	6	16.18	16.31	16.42	16.23		0
	12	13	16.16	16.30	16.40	16.21		0
	25	0	16.17	16.30	16.42	16.19		0
256QAM	1	0	16.14	16.11	16.15	16.17	0-5	0
	1	12	16.21	16.19	16.29	16.04		0
	1	24	16.18	16.09	16.26	16.16		0
	12	0	16.17	16.22	16.29	16.17		0
	12	6	16.26	16.25	16.34	16.22		0
	12	13	16.22	16.23	16.23	16.22		0
	25	0	16.24	16.25	16.25	16.21		0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 97 of 321

H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band n71

Table H-98

NR Band n71 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz

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	24.32	0	0.0
	1	40	24.30		0.0
	1	77	24.24		0.0
	36	0	23.89	0-0.5	0.5
	36	22	24.26	0	0.0
	36	43	23.73	0-0.5	0.5
	75	0	23.81		0.5
DFT-s-OFDM QPSK	1	1	24.27	0	0.0
	1	40	24.20		0.0
	1	77	24.15		0.0
	36	0	23.40	0-1	1.0
	36	22	24.28	0	0.0
	36	43	23.23	0-1	1.0
	75	0	23.34		1.0
DFT-s-OFDM 16QAM	1	1	23.43	0-1	1.0
CP-OFDM QPSK	1	1	22.78	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 98 of 321

Table H-99

NR Band n71 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.28	24.24	24.11	0	0.0
	1	26	24.12	24.25	24.23		0.0
	1	50	24.19	24.17	24.29		0.0
	25	0	23.70	23.69	23.78	0-0.5	0.5
	25	14	24.19	24.23	24.22	0	0.0
	25	27	23.64	23.67	23.69	0-0.5	0.5
	50	0	23.71	23.75	23.74		0.5
DFT-s-OFDM QPSK	1	1	24.17	24.14	24.03	0	0.0
	1	26	23.97	24.13	24.13		0.0
	1	50	24.04	24.06	24.14		0.0
	25	0	23.23	23.18	23.24	0-1	1.0
	25	14	24.21	24.23	24.21	0	0.0
	25	27	23.15	23.15	23.15	0-1	1.0
	50	0	23.19	23.25	23.21		1.0
DFT-s-OFDM 16QAM	1	1	23.50	23.29	23.35	0-1	1.0
CP-OFDM QPSK	1	1	22.77	22.71	22.57	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 99 of 321

Table H-100

NR Band n71 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.38	24.11	24.18	0	0.0
	1	13	24.28	24.19	24.23		0.0
	1	23	24.22	24.08	24.24		0.0
	12	0	23.81	23.78	23.79	0-0.5	0.5
	12	7	24.26	24.25	24.27	0	0.0
	12	13	23.76	23.74	23.83	0-0.5	0.5
	25	0	23.73	23.71	23.75		0.5
DFT-s-OFDM QPSK	1	1	24.27	24.06	24.13	0	0.0
	1	13	24.18	24.19	24.18		0.0
	1	23	24.08	24.02	24.13		0.0
	12	0	23.30	23.25	23.24	0-1	1.0
	12	7	24.29	24.22	24.22	0	0.0
	12	13	23.26	23.20	22.95	0-1	1.0
	25	0	23.26	23.23	22.95		1.0
DFT-s-OFDM 16QAM	1	1	23.46	23.17	23.47	0-1	1.0
CP-OFDM QPSK	1	1	22.84	22.58	22.64	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 100 of 321

H.2.2 NR Band n12

Table H-101

NR Band n12 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.35	0	0.0
	1	26	24.39		0.0
	1	50	24.28		0.0
	25	0	23.72	0-0.5	0.5
	25	14	24.32	0	0.0
	25	27	23.79	0-0.5	0.5
	50	0	23.80		0.5
DFT-s-OFDM QPSK	1	1	24.23	0	0.0
	1	26	24.17		0.0
	1	50	24.14		0.0
	25	0	23.22	0-1	1.0
	25	14	24.32	0	0.0
	25	27	23.24	0-1	1.0
	50	0	23.29		1.0
DFT-s-OFDM 16QAM	1	1	23.50	0-1	1.0
CP-OFDM QPSK	1	1	22.80	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 101 of 321

Table H-102

NR Band n12 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.25	24.22	24.19	0	0.0
	1	13	24.12	24.37	24.30		0.0
	1	23	24.18	24.31	24.22		0.0
	12	0	23.66	23.70	23.66	0-0.5	0.5
	12	7	24.13	24.29	24.12	0	0.0
	12	13	23.61	23.74	23.75	0-0.5	0.5
	25	0	23.65	23.81	23.74		0.5
DFT-s-OFDM QPSK	1	1	24.12	24.09	24.13	0	0.0
	1	13	24.05	24.22	24.18		0.0
	1	23	24.07	24.16	24.08		0.0
	12	0	23.19	23.22	23.19	0-1	1.0
	12	7	24.14	24.27	24.12	0	0.0
	12	13	23.08	23.26	23.21	0-1	1.0
	25	0	23.14	23.29	23.23		1.0
DFT-s-OFDM 16QAM	1	1	23.26	23.42	23.30	0-1	1.0
CP-OFDM QPSK	1	1	22.68	22.75	22.73	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 102 of 321

H.2.1 NR Band n26

Table H-103

NR Band n26 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n26 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	164300 (821.5 MHz)	168300 (841.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.39	24.25	0	0.0
	1	40	24.34	24.19		0.0
	1	77	24.29	24.21		0.0
	36	0	23.87	23.68	0-0.5	0.5
	36	22	24.31	24.24	0	0.0
	36	43	23.80	23.72	0-0.5	0.5
	75	0	23.90	23.80		0.5
DFT-s-OFDM QPSK	1	1	24.25	24.17	0	0.0
	1	40	24.25	24.11		0.0
	1	77	24.21	24.12		0.0
	36	0	23.34	23.20	0-1	1.0
	36	22	24.38	24.26	0	0.0
	36	43	23.30	23.22	0-1	1.0
	75	0	23.41	23.29		1.0
DFT-s-OFDM 16QAM	1	1	23.75	23.44	0-1	1.0
CP-OFDM QPSK	1	1	22.89	22.75	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 103 of 321

Table H-104

NR Band n26 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n26 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163800 (819 MHz)	166300 (831.5 MHz)	168800 (844 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.20	24.11	24.16	0	0.0
	1	26	24.23	24.22	24.11		0.0
	1	50	24.10	24.14	24.15		0.0
	25	0	23.73	23.66	23.67	0-0.5	0.5
	25	14	24.27	24.25	24.12	0	0.0
	25	27	23.74	23.67	23.72	0-0.5	0.5
	50	0	23.77	23.72	23.61		0.5
DFT-s-OFDM QPSK	1	1	24.08	24.01	24.03	0	0.0
	1	26	24.14	24.07	23.96		0.0
	1	50	23.99	24.03	24.01		0.0
	25	0	23.23	23.16	23.16	0-1	1.0
	25	14	24.27	24.24	24.15	0	0.0
	25	27	23.25	23.20	23.17	0-1	1.0
	50	0	23.27	23.22	23.10		1.0
DFT-s-OFDM 16QAM	1	1	23.60	23.48	23.40	0-1	1.0
CP-OFDM QPSK	1	1	22.67	22.61	22.69	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 104 of 321

Table H-105

NR Band n26 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n26 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163300 (816.5 MHz)	166300 (831.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.23	24.07	24.21	0	0.0
	1	13	24.25	24.21	24.17		0.0
	1	23	24.18	24.17	24.14		0.0
	12	0	23.79	23.75	23.77	0-0.5	0.5
	12	7	24.24	24.18	24.18	0	0.0
	12	13	23.73	23.70	23.73	0-0.5	0.5
	25	0	23.76	23.70	23.71		0.5
DFT-s-OFDM QPSK	1	1	24.09	23.99	24.10	0	0.0
	1	13	24.06	24.05	24.08		0.0
	1	23	24.00	24.07	24.04		0.0
	12	0	23.27	23.20	23.24	0-1	1.0
	12	7	24.22	24.19	24.24	0	0.0
	12	13	23.21	23.20	23.22	0-1	1.0
	25	0	23.26	23.19	23.25		1.0
DFT-s-OFDM 16QAM	1	1	23.59	23.41	23.52	0-1	1.0
CP-OFDM QPSK	1	1	22.65	22.54	22.64	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 105 of 321

H.2.2 NR Band n66 Antenna A

Table H-106

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (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	23.56	0	0.0
	1	80	23.59		0.0
	1	158	23.45		0.0
	80	0	23.04	0-0.5	0.5
	80	40	23.49	0	0.0
	80	80	23.04	0-0.5	0.5
	160	0	23.00		0.5
DFT-s-OFDM QPSK	1	1	23.35	0	0.0
	1	80	23.50		0.0
	1	158	23.35		0.0
	80	0	22.56	0-1	1.0
	80	40	23.49	0	0.0
	80	80	22.56	0-1	1.0
	160	0	22.54		1.0
DFT-s-OFDM 16QAM	1	1	22.81	0-1	1.0
CP-OFDM QPSK	1	1	22.14	0-1.5	1.5

Table H-107

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n66 25 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	23.59	0	0.0
	1	67	23.15		0.0
	1	131	23.49		0.0
	64	0	22.80	0-0.5	0.5
	64	35	23.29	0	0.0
	64	69	22.70	0-0.5	0.5
	128	0	22.79		0.5
DFT-s-OFDM QPSK	1	1	23.43	0	0.0
	1	67	23.06		0.0
	1	131	23.30		0.0
	64	0	22.31	0-1	1.0
	64	35	23.23	0	0.0
	64	69	22.25	0-1	1.0
	128	0	22.42		1.0
DFT-s-OFDM 16QAM	1	1	22.84	0-1	1.0
CP-OFDM QPSK	1	1	22.02	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 107 of 321

Table H-108

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.53	23.60	23.33	0	0.0
	1	53	23.40	23.40	23.17		0.0
	1	104	23.44	23.39	23.14		0.0
	50	0	22.99	23.04	22.80	0-0.5	0.5
	50	28	23.51	23.50	23.28	0	0.0
	50	56	23.16	22.94	22.84	0-0.5	0.5
	100	0	23.02	22.97	22.75		0.5
DFT-s-OFDM QPSK	1	1	23.52	23.42	23.18	0	0.0
	1	53	23.34	23.29	23.10		0.0
	1	104	23.57	23.26	23.07		0.0
	50	0	22.54	22.50	22.29	0-1	1.0
	50	28	23.48	23.47	23.33	0	0.0
	50	56	22.59	22.45	22.24	0-1	1.0
	100	0	22.49	22.48	22.24		1.0
DFT-s-OFDM 16QAM	1	1	22.49	22.63	22.53	0-1	1.0
CP-OFDM QPSK	1	1	21.96	22.02	21.74	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 108 of 321

Table H-109

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.53	23.54	23.23	0	0.0
	1	40	23.48	23.41	23.16		0.0
	1	77	23.61	23.42	23.18		0.0
	36	0	23.11	23.04	22.77	0-0.5	0.5
	36	22	23.56	23.46	23.23	0	0.0
	36	43	23.09	22.96	22.67	0-0.5	0.5
	75	0	23.06	23.01	22.71		0.5
DFT-s-OFDM QPSK	1	1	23.51	23.36	23.05	0	0.0
	1	40	23.47	23.25	22.98		0.0
	1	77	23.60	23.30	22.96		0.0
	36	0	22.58	22.53	22.21	0-1	1.0
	36	22	23.54	23.47	23.15	0	0.0
	36	43	22.52	22.47	22.17	0-1	1.0
	75	0	22.59	22.51	22.20		1.0
DFT-s-OFDM 16QAM	1	1	22.82	22.63	22.49	0-1	1.0
CP-OFDM QPSK	1	1	22.07	21.95	21.65	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 109 of 321

Table H-110
NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
and/or DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.39	23.40	23.15	0	0.0
	1	26	23.45	23.36	23.13		0.0
	1	50	23.38	23.30	23.06		0.0
	25	0	22.92	22.92	22.65	0-0.5	0.5
	25	14	23.45	23.39	23.15	0	0.0
	25	27	22.91	22.85	22.59	0-0.5	0.5
	50	0	22.95	22.85	22.62		0.5
DFT-s-OFDM QPSK	1	1	23.24	23.23	23.12	0	0.0
	1	26	23.24	23.20	23.04		0.0
	1	50	23.24	23.16	23.00		0.0
	25	0	22.42	22.38	22.18	0-1	1.0
	25	14	23.46	23.40	23.19	0	0.0
	25	27	22.43	22.35	22.14	0-1	1.0
	50	0	22.42	22.39	22.30		1.0
DFT-s-OFDM 16QAM	1	1	22.58	22.64	22.39	0-1	1.0
CP-OFDM QPSK	1	1	21.85	21.77	21.57	0-1.5	1.5

Table H-111

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (Head) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.30	23.36	23.09	0	0.0
	1	13	23.33	23.40	23.12		0.0
	1	23	23.35	23.36	23.05		0.0
	12	0	22.84	22.91	22.60	0-0.5	0.5
	12	7	23.35	23.42	23.13	0	0.0
	12	13	22.86	22.85	22.58	0-0.5	0.5
	25	0	22.88	22.87	22.58		0.5
DFT-s-OFDM QPSK	1	1	23.17	23.18	22.93	0	0.0
	1	13	23.18	23.23	22.92		0.0
	1	23	23.21	23.20	22.87		0.0
	12	0	22.37	22.37	22.11	0-1	1.0
	12	7	23.38	23.39	23.14	0	0.0
	12	13	22.34	22.38	22.10	0-1	1.0
	25	0	22.34	22.41	22.08		1.0
DFT-s-OFDM 16QAM	1	1	22.49	22.60	22.31	0-1	1.0
CP-OFDM QPSK	1	1	21.76	21.78	21.53	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 111 of 321

Table H-112
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.42	0	0.0
	1	80	18.41		0.0
	1	158	18.24		0.0
	80	0	18.40	0-0.5	0.0
	80	40	18.36	0	0.0
	80	80	18.42	0-0.5	0.0
	160	0	18.40		0.0
DFT-s-OFDM QPSK	1	1	18.26	0	0.0
	1	80	18.24		0.0
	1	158	18.13		0.0
	80	0	18.39	0-1	0.0
	80	40	18.34	0	0.0
	80	80	18.42	0-1	0.0
	160	0	18.39		0.0
DFT-s-OFDM 16QAM	1	1	18.59	0-1	0.0
CP-OFDM QPSK	1	1	18.32	0-1.5	0.0

Table H-113
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 25 MHz Bandwidth

NR Band n66 25 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	18.65	0	0.0
	1	67	18.25		0.0
	1	131	18.53		0.0
	64	0	18.41	0-0.5	0.0
	64	35	18.33	0	0.0
	64	69	18.31	0-0.5	0.0
	128	0	18.38		0.0
DFT-s-OFDM QPSK	1	1	18.47	0	0.0
	1	67	18.11		0.0
	1	131	18.46		0.0
	64	0	18.39	0-1	0.0
	64	35	18.35	0	0.0
	64	69	18.36	0-1	0.0
	128	0	18.34		0.0
DFT-s-OFDM 16QAM	1	1	18.91	0-1	0.0
CP-OFDM QPSK	1	1	18.58	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 113 of 321

Table H-114
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth
NR Band n66
20 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.39	18.37	18.07	0	0.0
	1	53	18.29	18.25	18.05		0.0
	1	104	18.42	18.21	17.98		0.0
	50	0	18.45	18.41	18.15	0-0.5	0.0
	50	28	18.40	18.33	18.15	0	0.0
	50	56	18.46	18.28	18.10	0-0.5	0.0
	100	0	18.42	18.35	18.14		0.0
DFT-s-OFDM QPSK	1	1	18.26	18.22	17.97	0	0.0
	1	53	18.19	18.10	17.89		0.0
	1	104	18.28	18.10	17.88		0.0
	50	0	18.46	18.37	18.12	0-1	0.0
	50	28	18.39	18.34	18.14	0	0.0
	50	56	18.47	18.32	18.09	0-1	0.0
	100	0	18.43	18.34	18.14		0.0
DFT-s-OFDM 16QAM	1	1	18.57	18.58	18.25	0-1	0.0
CP-OFDM QPSK	1	1	18.29	18.28	18.00	0-1.5	0.0

Table H-115
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth
NR Band n66
15 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.39	18.28	18.26	0	0.0
	1	40	18.36	18.19	17.99		0.0
	1	77	18.41	18.26	18.02		0.0
	36	0	18.48	18.38	18.12	0-0.5	0.0
	36	22	18.44	18.34	18.07	0	0.0
	36	43	18.42	18.27	18.20	0-0.5	0.0
	75	0	18.45	18.33	18.08		0.0
DFT-s-OFDM QPSK	1	1	18.27	18.16	17.97	0	0.0
	1	40	18.24	18.09	17.94		0.0
	1	77	18.28	18.14	17.96		0.0
	36	0	18.48	18.35	18.14	0-1	0.0
	36	22	18.42	18.29	18.08	0	0.0
	36	43	18.40	18.30	18.11	0-1	0.0
	75	0	18.44	18.35	18.13		0.0
DFT-s-OFDM 16QAM	1	1	18.74	18.58	18.32	0-1	0.0
CP-OFDM QPSK	1	1	18.29	18.26	17.94	0-1.5	0.0

Table H-116
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth
NR Band n66
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.23	18.16	18.09	0	0.0
	1	26	18.29	18.18	18.03		0.0
	1	50	18.20	18.10	17.93		0.0
	25	0	18.29	18.25	18.05	0-0.5	0.0
	25	14	18.31	18.20	18.06	0	0.0
	25	27	18.27	18.21	17.99	0-0.5	0.0
	50	0	18.45	18.22	18.02		0.0
DFT-s-OFDM QPSK	1	1	18.13	18.03	17.93	0	0.0
	1	26	18.13	18.05	17.97		0.0
	1	50	18.11	18.00	17.84		0.0
	25	0	18.32	18.25	18.07	0-1	0.0
	25	14	18.31	18.21	18.03	0	0.0
	25	27	18.29	18.21	18.04	0-1	0.0
	50	0	18.29	18.23	18.03		0.0
DFT-s-OFDM 16QAM	1	1	18.41	18.44	18.26	0-1	0.0
CP-OFDM QPSK	1	1	18.13	18.09	17.92	0-1.5	0.0

Table H-117
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth
NR Band n66
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.19	18.17	17.93	0	0.0
	1	13	18.20	18.18	17.93		0.0
	1	23	18.19	18.18	17.94		0.0
	12	0	18.25	18.23	18.03	0-0.5	0.0
	12	7	18.23	18.25	18.02	0	0.0
	12	13	18.21	18.24	17.99	0-0.5	0.0
	25	0	18.21	18.21	17.98		0.0
DFT-s-OFDM QPSK	1	1	18.02	18.07	17.87	0	0.0
	1	13	18.07	18.07	17.87		0.0
	1	23	17.99	17.99	17.81		0.0
	12	0	18.21	18.23	18.03	0-1	0.0
	12	7	18.22	18.23	18.02	0	0.0
	12	13	18.21	18.20	18.03	0-1	0.0
	25	0	18.22	18.19	18.00		0.0
DFT-s-OFDM 16QAM	1	1	18.42	18.48	18.19	0-1	0.0
CP-OFDM QPSK	1	1	18.07	18.05	17.85	0-1.5	0.0

Table H-118
NR Band n66 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.07	0	0.0
	1	80	19.04		0.0
	1	158	18.88		0.0
	80	0	19.10	0-0.5	0.0
	80	40	19.00	0	0.0
	80	80	19.35	0-0.5	0.0
	160	0	19.04		0.0
DFT-s-OFDM QPSK	1	1	18.93	0	0.0
	1	80	18.93		0.0
	1	158	18.80		0.0
	80	0	19.05	0-1	0.0
	80	40	19.00	0	0.0
	80	80	19.07	0-1	0.0
	160	0	19.03		0.0
DFT-s-OFDM 16QAM	1	1	19.32	0-1	0.0
CP-OFDM QPSK	1	1	19.00	0-1.5	0.0

Table H-119
NR Band n66 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n66 25 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	19.50	0	0.0
	1	67	19.21		0.0
	1	131	19.49		0.0
	64	0	19.33	0-0.5	0.0
	64	35	19.26	0	0.0
	64	69	19.22	0-0.5	0.0
	128	0	19.24		0.0
DFT-s-OFDM QPSK	1	1	19.34	0	0.0
	1	67	19.00		0.0
	1	131	19.31		0.0
	64	0	19.32	0-1	0.0
	64	35	19.23	0	0.0
	64	69	19.24	0-1	0.0
	128	0	19.24		0.0
DFT-s-OFDM 16QAM	1	1	19.79	0-1	0.0
CP-OFDM QPSK	1	1	19.47	0-1.5	0.0

Table H-120
NR Band n66 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.01	19.08	18.82	0	0.0
	1	53	18.97	18.91	18.79		0.0
	1	104	19.16	18.98	18.75		0.0
	50	0	19.07	19.09	18.88	0-0.5	0.0
	50	28	19.05	19.06	18.91	0	0.0
	50	56	19.12	19.20	18.84	0-0.5	0.0
	100	0	19.03	19.06	18.89		0.0
DFT-s-OFDM QPSK	1	1	18.91	18.97	18.73	0	0.0
	1	53	18.86	18.83	18.66		0.0
	1	104	18.97	18.82	18.62		0.0
	50	0	19.04	19.09	18.87	0-1	0.0
	50	28	19.08	19.07	18.85	0	0.0
	50	56	19.15	19.06	18.85	0-1	0.0
	100	0	19.05	19.04	18.86		0.0
DFT-s-OFDM 16QAM	1	1	19.36	19.34	19.10	0-1	0.0
CP-OFDM QPSK	1	1	19.00	19.04	18.78	0-1.5	0.0

Table H-121
NR Band n66 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.78	19.02	18.68	0	0.0
	1	40	18.73	18.91	18.69		0.0
	1	77	18.84	18.95	18.69		0.0
	36	0	18.95	19.09	18.86	0-0.5	0.0
	36	22	19.02	19.04	18.78	0	0.0
	36	43	19.00	19.03	18.79	0-0.5	0.0
	75	0	18.99	19.07	18.82		0.0
DFT-s-OFDM QPSK	1	1	18.87	18.92	18.63	0	0.0
	1	40	18.80	18.81	18.57		0.0
	1	77	18.82	18.87	18.59		0.0
	36	0	18.94	19.09	18.83	0-1	0.0
	36	22	18.93	19.04	18.83	0	0.0
	36	43	18.90	19.05	18.76	0-1	0.0
	75	0	18.98	19.06	18.82		0.0
DFT-s-OFDM 16QAM	1	1	19.24	19.28	19.05	0-1	0.0
CP-OFDM QPSK	1	1	18.99	18.98	18.72	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 121 of 321

Table H-122
NR Band n66 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.53	18.88	18.84	0	0.0
	1	26	18.76	18.88	18.68		0.0
	1	50	18.71	18.81	18.61		0.0
	25	0	18.75	18.90	18.73	0-0.5	0.0
	25	14	18.78	18.90	18.72	0	0.0
	25	27	18.78	18.88	18.68	0-0.5	0.0
	50	0	18.75	18.88	18.72		0.0
DFT-s-OFDM QPSK	1	1	18.60	18.68	18.54	0	0.0
	1	26	18.65	18.78	18.57		0.0
	1	50	18.59	18.69	18.50		0.0
	25	0	18.80	18.93	18.74	0-1	0.0
	25	14	18.77	18.90	18.72	0	0.0
	25	27	18.81	18.88	18.68	0-1	0.0
	50	0	18.78	18.89	18.73		0.0
DFT-s-OFDM 16QAM	1	1	19.08	19.22	19.02	0-1	0.0
CP-OFDM QPSK	1	1	18.65	18.84	18.65	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 122 of 321

Table H-123
NR Band n66 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.59	18.83	18.60	0	0.0
	1	13	18.66	18.89	18.64		0.0
	1	23	18.80	18.83	18.63		0.0
	12	0	18.68	18.89	18.63	0-0.5	0.0
	12	7	18.72	18.95	18.65	0	0.0
	12	13	18.68	18.89	18.62	0-0.5	0.0
	25	0	18.68	18.92	18.61		0.0
DFT-s-OFDM QPSK	1	1	18.50	18.72	18.51	0	0.0
	1	13	18.56	18.76	18.58		0.0
	1	23	18.54	18.72	18.52		0.0
	12	0	18.66	18.88	18.64	0-1	0.0
	12	7	18.66	18.92	18.66	0	0.0
	12	13	18.65	18.87	18.65	0-1	0.0
	25	0	18.64	18.90	18.64		0.0
DFT-s-OFDM 16QAM	1	1	18.97	19.18	18.85	0-1	0.0
CP-OFDM QPSK	1	1	18.68	18.78	18.53	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 123 of 321

H.2.3 NR Band n66 Antenna F

Table H-124

NR Band n66 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.99	0	0.0
	1	80	19.02		0.0
	1	158	18.94		0.0
	80	0	19.05	0-0.5	0.0
	80	40	19.10	0	0.0
	80	80	19.12	0-0.5	0.0
	160	0	19.13		0.0
DFT-s-OFDM QPSK	1	1	18.91	0	0.0
	1	80	18.93		0.0
	1	158	18.86		0.0
	80	0	19.06	0-1	0.0
	80	40	19.11	0	0.0
	80	80	19.07	0-1	0.0
	160	0	19.13		0.0
DFT-s-OFDM 16QAM	1	1	19.32	0-1	0.0
CP-OFDM QPSK	1	1	19.01	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 124 of 321

Table H-125

NR Band n66 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n66 25 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	19.27	0	0.0
	1	67	18.85		0.0
	1	131	19.24		0.0
	64	0	19.11	0-0.5	0.0
	64	35	19.06	0	0.0
	64	69	19.01	0-0.5	0.0
	128	0	19.02		0.0
DFT-s-OFDM QPSK	1	1	19.18	0	0.0
	1	67	18.81		0.0
	1	131	19.21		0.0
	64	0	19.09	0-1	0.0
	64	35	19.02	0	0.0
	64	69	18.99	0-1	0.0
	128	0	19.02		0.0
DFT-s-OFDM 16QAM	1	1	19.66	0-1	0.0
CP-OFDM QPSK	1	1	19.27	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 125 of 321

Table H-126

NR Band n66 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.95	18.99	18.83	0	0.0
	1	53	18.96	18.94	18.95		0.0
	1	104	18.99	18.86	18.87		0.0
	50	0	19.08	19.05	18.91	0-0.5	0.0
	50	28	19.05	19.03	18.98	0	0.0
	50	56	19.13	19.02	18.93	0-0.5	0.0
	100	0	19.07	19.04	18.88		0.0
DFT-s-OFDM QPSK	1	1	18.89	18.94	18.70	0	0.0
	1	53	18.88	18.81	18.81		0.0
	1	104	18.94	18.77	18.77		0.0
	50	0	19.05	19.07	18.94	0-1	0.0
	50	28	19.04	19.01	18.99	0	0.0
	50	56	19.11	19.00	18.93	0-1	0.0
	100	0	19.03	19.02	18.87		0.0
DFT-s-OFDM 16QAM	1	1	19.20	19.33	19.21	0-1	0.0
CP-OFDM QPSK	1	1	18.96	18.97	18.83	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 126 of 321

Table H-127

NR Band n66 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.95	18.91	18.80	0	0.0
	1	40	18.93	18.93	18.94		0.0
	1	77	19.08	18.93	18.89		0.0
	36	0	19.09	19.05	18.89	0-0.5	0.0
	36	22	19.09	19.01	18.93	0	0.0
	36	43	19.09	18.99	18.91	0-0.5	0.0
	75	0	19.11	19.03	18.96		0.0
DFT-s-OFDM QPSK	1	1	18.89	18.78	18.67	0	0.0
	1	40	18.89	18.82	18.82		0.0
	1	77	18.97	18.81	18.74		0.0
	36	0	19.09	19.06	18.88	0-1	0.0
	36	22	19.07	19.01	18.90	0	0.0
	36	43	19.08	19.00	18.91	0-1	0.0
	75	0	19.10	19.02	18.96		0.0
DFT-s-OFDM 16QAM	1	1	19.26	19.16	19.17	0-1	0.0
CP-OFDM QPSK	1	1	18.97	18.86	18.77	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 127 of 321

Table H-128

NR Band n66 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.86	18.85	18.98	0	0.0
	1	26	18.94	18.99	18.96		0.0
	1	50	19.00	18.88	18.89		0.0
	25	0	18.94	18.96	18.93	0-0.5	0.0
	25	14	18.99	18.98	18.93	0	0.0
	25	27	18.96	18.91	18.90	0-0.5	0.0
	50	0	18.95	18.96	18.90		0.0
DFT-s-OFDM QPSK	1	1	18.77	18.84	18.88	0	0.0
	1	26	18.79	18.90	18.81		0.0
	1	50	18.86	18.86	18.73		0.0
	25	0	18.96	18.95	18.92	0-1	0.0
	25	14	18.99	18.98	18.94	0	0.0
	25	27	18.95	18.94	18.91	0-1	0.0
	50	0	18.94	18.94	18.93		0.0
DFT-s-OFDM 16QAM	1	1	19.14	19.13	19.37	0-1	0.0
CP-OFDM QPSK	1	1	18.82	18.68	18.97	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 128 of 321

Table H-129

NR Band n66 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.77	18.95	18.80	0	0.0
	1	13	18.84	18.98	18.85		0.0
	1	23	18.80	18.93	18.86		0.0
	12	0	18.89	18.99	18.86	0-0.5	0.0
	12	7	18.90	18.99	18.90	0	0.0
	12	13	18.88	18.96	18.86	0-0.5	0.0
	25	0	18.89	19.00	18.88		0.0
DFT-s-OFDM QPSK	1	1	18.63	18.76	18.72	0	0.0
	1	13	18.69	18.84	18.70		0.0
	1	23	18.65	18.78	18.75		0.0
	12	0	18.89	18.98	18.88	0-1	0.0
	12	7	18.93	18.96	18.87	0	0.0
	12	13	18.89	18.97	18.87	0-1	0.0
	25	0	18.91	18.96	18.88		0.0
DFT-s-OFDM 16QAM	1	1	19.06	19.17	18.71	0-1	0.0
CP-OFDM QPSK	1	1	18.76	18.87	18.74	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 129 of 321

Table H-130
NR Band n66 Antenna F Measured P_{Limit} for DSI = 2 (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	16.47	0	0.0
	1	80	16.43		0.0
	1	158	16.44		0.0
	80	0	16.43	0-0.5	0.0
	80	40	16.45	0	0.0
	80	80	16.43	0-0.5	0.0
	160	0	16.50		0.0
DFT-s-OFDM QPSK	1	1	16.39	0	0.0
	1	80	16.46		0.0
	1	158	16.27		0.0
	80	0	16.40	0-1	0.0
	80	40	16.45	0	0.0
	80	80	16.32	0-1	0.0
	160	0	16.32		0.0
DFT-s-OFDM 16QAM	1	1	16.43	0-1	0.0
CP-OFDM QPSK	1	1	16.48	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 130 of 321

Table H-131
NR Band n66 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n66 25 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	16.45	0	0.0
	1	67	16.50		0.0
	1	131	16.40		0.0
	64	0	16.34	0-0.5	0.0
	64	35	16.45	0	0.0
	64	69	16.37	0-0.5	0.0
	128	0	16.43		0.0
DFT-s-OFDM QPSK	1	1	16.34	0	0.0
	1	67	16.37		0.0
	1	131	16.43		0.0
	64	0	16.34	0-1	0.0
	64	35	16.50	0	0.0
	64	69	16.50	0-1	0.0
	128	0	16.32		0.0
DFT-s-OFDM 16QAM	1	1	16.34	0-1	0.0
CP-OFDM QPSK	1	1	16.50	0-1.5	0.0

Table H-132
NR Band n66 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth
NR Band n66
20 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.40	16.40	16.43	0	0.0
	1	53	16.46	16.48	16.34		0.0
	1	104	16.43	16.42	16.42		0.0
	50	0	16.43	16.23	16.43	0-0.5	0.0
	50	28	16.40	16.27	16.47	0	0.0
	50	56	16.48	16.24	16.44	0-0.5	0.0
	100	0	16.40	16.24	16.44		0.0
DFT-s-OFDM QPSK	1	1	16.47	16.50	16.47	0	0.0
	1	53	16.37	16.37	16.25		0.0
	1	104	16.47	16.32	16.38		0.0
	50	0	16.42	16.45	16.32	0-1	0.0
	50	28	16.39	16.37	16.44	0	0.0
	50	56	16.45	16.33	16.41	0-1	0.0
	100	0	16.42	16.40	16.46		0.0
DFT-s-OFDM 16QAM	1	1	16.45	16.43	16.43	0-1	0.0
CP-OFDM QPSK	1	1	16.43	16.50	16.39	0-1.5	0.0

Table H-133
NR Band n66 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth
NR Band n66
15 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.41	16.40	16.26	0	0.0
	1	40	16.34	16.32	16.24		0.0
	1	77	16.37	16.30	16.37		0.0
	36	0	16.47	16.42	16.43	0-0.5	0.0
	36	22	16.40	16.37	16.37	0	0.0
	36	43	16.44	16.37	16.50	0-0.5	0.0
	75	0	16.47	16.40	16.38		0.0
DFT-s-OFDM QPSK	1	1	16.45	16.47	16.14	0	0.0
	1	40	16.43	16.39	16.01		0.0
	1	77	16.44	16.41	16.23		0.0
	36	0	16.39	16.35	16.44	0-1	0.0
	36	22	16.38	16.34	16.34	0	0.0
	36	43	16.38	16.31	16.50	0-1	0.0
	75	0	16.44	16.36	16.41		0.0
DFT-s-OFDM 16QAM	1	1	16.43	16.44	16.50	0-1	0.0
CP-OFDM QPSK	1	1	16.43	16.40	16.18	0-1.5	0.0

Table H-134
NR Band n66 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth
NR Band n66
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.48	16.40	16.31	0	0.0
	1	26	16.43	16.47	16.44		0.0
	1	50	16.42	16.40	16.37		0.0
	25	0	16.40	16.34	16.33	0-0.5	0.0
	25	14	16.40	16.33	16.47	0	0.0
	25	27	16.43	16.46	16.47	0-0.5	0.0
	50	0	16.49	16.23	16.50		0.0
DFT-s-OFDM QPSK	1	1	16.38	16.45	16.19	0	0.0
	1	26	16.42	16.38	16.30		0.0
	1	50	16.32	16.33	16.24		0.0
	25	0	16.34	16.30	16.50	0-1	0.0
	25	14	16.34	16.29	16.49	0	0.0
	25	27	16.29	16.25	16.45	0-1	0.0
	50	0	16.30	16.30	16.50		0.0
DFT-s-OFDM 16QAM	1	1	16.30	16.34	16.43	0-1	0.0
CP-OFDM QPSK	1	1	16.37	16.45	16.19	0-1.5	0.0

Table H-135
NR Band n66 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 5 MHz Bandwidth
NR Band n66
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.36	16.45	16.34	0	0.0
	1	13	16.42	16.43	16.44		0.0
	1	23	16.40	16.49	16.35		0.0
	12	0	16.44	16.40	16.47	0-0.5	0.0
	12	7	16.48	16.32	16.50	0	0.0
	12	13	16.48	16.48	16.45	0-0.5	0.0
	25	0	16.45	16.47	16.45		0.0
DFT-s-OFDM QPSK	1	1	16.28	16.36	16.26	0	0.0
	1	13	16.29	16.37	16.35		0.0
	1	23	16.24	16.30	16.23		0.0
	12	0	16.43	16.47	16.45	0-1	0.0
	12	7	16.45	16.43	16.46	0	0.0
	12	13	16.49	16.49	16.41	0-1	0.0
	25	0	16.42	16.44	16.47		0.0
DFT-s-OFDM 16QAM	1	1	16.34	16.40	16.50	0-1	0.0
CP-OFDM QPSK	1	1	16.28	16.42	16.33	0-1.5	0.0

H.2.4 NR Band n25 Antenna A

Table H-136

NR Band n25 Antenna A Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (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	23.62	0	0.0
	1	80	23.58		0.0
	1	158	23.45		0.0
	80	0	23.15	0-0.5	0.5
	80	40	23.56	0	0.0
	80	80	23.02	0-0.5	0.5
	160	0	23.08		0.5
DFT-s-OFDM QPSK	1	1	23.52	0	0.0
	1	80	23.44		0.0
	1	158	23.30		0.0
	80	0	22.60	0-1	1.0
	80	40	23.58	0	0.0
	80	80	22.54	0-1	1.0
	160	0	22.62		1.0
DFT-s-OFDM 16QAM	1	1	22.90	0-1	1.0
CP-OFDM QPSK	1	1	22.08	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 136 of 321

Table H-137
NR Band n25 Antenna A Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
and/or DSI = 2 (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	23.46	0	0.0
	1	67	23.40		0.0
	1	131	23.33		0.0
	64	0	23.04	0-0.5	0.5
	64	35	23.49	0	0.0
	64	69	22.95	0-0.5	0.5
	128	0	23.01		0.5
DFT-s-OFDM QPSK	1	1	23.39	0	0.0
	1	67	23.29		0.0
	1	131	23.19		0.0
	64	0	22.47	0-1	1.0
	64	35	23.49	0	0.0
	64	69	22.41	0-1	1.0
	128	0	22.48		1.0
DFT-s-OFDM 16QAM	1	1	22.83	0-1	1.0
CP-OFDM QPSK	1	1	21.93	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 137 of 321

Table H-138

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

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.59	23.48	23.39	0	0.0
	1	53	23.56	23.33	23.40		0.0
	1	104	23.49	23.39	22.75		0.0
	50	0	23.04	23.02	23.03	0-0.5	0.5
	50	28	23.68	23.48	23.51	0	0.0
	50	56	23.14	22.97	22.91	0-0.5	0.5
	100	0	23.17	22.98	22.97		0.5
DFT-s-OFDM QPSK	1	1	23.48	23.33	23.23	0	0.0
	1	53	23.45	23.28	23.25		0.0
	1	104	23.36	23.22	23.13		0.0
	50	0	22.69	22.50	22.51	0-1	1.0
	50	28	23.69	23.48	23.47	0	0.0
	50	56	22.62	22.44	22.37	0-1	1.0
	100	0	22.65	22.45	22.47		1.0
DFT-s-OFDM 16QAM	1	1	22.93	22.75	22.71	0-1	1.0
CP-OFDM QPSK	1	1	22.15	21.93	21.71	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 138 of 321

Table H-139
NR Band n25 Antenna A Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
and/or DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.75	23.53	23.42	0	0.0
	1	40	23.66	23.40	23.35		0.0
	1	77	23.61	23.43	23.23		0.0
	36	0	23.10	23.02	22.95	0-0.5	0.5
	36	22	23.71	23.48	23.41	0	0.0
	36	43	23.16	22.95	22.91	0-0.5	0.5
	75	0	23.20	23.00	22.95		0.5
DFT-s-OFDM QPSK	1	1	23.57	23.35	23.24	0	0.0
	1	40	23.52	23.27	23.19		0.0
	1	77	23.53	23.24	23.16		0.0
	36	0	22.74	22.47	22.43	0-1	1.0
	36	22	23.72	23.48	23.40	0	0.0
	36	43	22.65	22.44	22.38	0-1	1.0
	75	0	22.70	22.45	22.39		1.0
DFT-s-OFDM 16QAM	1	1	23.02	22.77	22.71	0-1	1.0
CP-OFDM QPSK	1	1	22.02	21.95	21.88	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 139 of 321

Table H-140
NR Band n25 Antenna A Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
and/or DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.53	23.30	23.22	0	0.0
	1	26	23.11	23.28	23.22		0.0
	1	50	23.40	23.25	23.24		0.0
	25	0	23.16	22.94	22.82	0-0.5	0.5
	25	14	23.62	23.35	23.21	0	0.0
	25	27	23.15	22.82	22.84	0-0.5	0.5
	50	0	23.16	22.89	22.76		0.5
DFT-s-OFDM QPSK	1	1	23.46	23.18	23.05	0	0.0
	1	26	23.45	23.20	23.05		0.0
	1	50	23.43	23.10	23.10		0.0
	25	0	22.65	22.41	22.24	0-1	1.0
	25	14	23.65	23.36	23.26	0	0.0
	25	27	22.61	22.30	22.22	0-1	1.0
	50	0	22.60	22.33	22.25		1.0
DFT-s-OFDM 16QAM	1	1	22.93	22.62	22.50	0-1	1.0
CP-OFDM QPSK	1	1	22.07	21.75	21.66	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 140 of 321

Table H-141

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

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.56	23.41	23.21	0	0.0
	1	13	23.53	23.36	22.94		0.0
	1	23	23.55	23.37	22.70		0.0
	12	0	23.08	22.88	22.69	0-0.5	0.5
	12	7	23.56	23.34	23.18	0	0.0
	12	13	23.07	22.86	22.67	0-0.5	0.5
	25	0	23.10	22.85	22.70		0.5
DFT-s-OFDM QPSK	1	1	23.42	23.25	23.03	0	0.0
	1	13	23.35	23.18	22.98		0.0
	1	23	23.42	23.18	23.07		0.0
	12	0	22.58	22.32	22.20	0-1	1.0
	12	7	23.55	23.31	23.19	0	0.0
	12	13	22.55	22.29	22.16	0-1	1.0
	25	0	22.51	22.32	22.21		1.0
DFT-s-OFDM 16QAM	1	1	22.85	22.64	22.41	0-1	1.0
CP-OFDM QPSK	1	1	22.00	21.82	21.39	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 141 of 321

Table H-142
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.21	0	0.0
	1	80	18.18		0.0
	1	158	18.03		0.0
	80	0	18.25	0-0.5	0.0
	80	40	18.17	0	0.0
	80	80	18.16	0-0.5	0.0
	160	0	18.23		0.0
DFT-s-OFDM QPSK	1	1	18.08	0	0.0
	1	80	18.05		0.0
	1	158	17.91		0.0
	80	0	18.24	0-1	0.0
	80	40	18.17	0	0.0
	80	80	18.13	0-1	0.0
	160	0	18.23		0.0
DFT-s-OFDM 16QAM	1	1	18.49	0-1	0.0
CP-OFDM QPSK	1	1	18.17	0-1.5	0.0

Table H-143
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.09	0	0.0
	1	67	17.99		0.0
	1	131	17.91		0.0
	64	0	18.10	0-0.5	0.0
	64	35	18.10	0	0.0
	64	69	18.07	0-0.5	0.0
	128	0	18.13		0.0
DFT-s-OFDM QPSK	1	1	17.93	0	0.0
	1	67	18.00		0.0
	1	131	17.77		0.0
	64	0	18.10	0-1	0.0
	64	35	18.11	0	0.0
	64	69	18.06	0-1	0.0
	128	0	18.11		0.0
DFT-s-OFDM 16QAM	1	1	18.36	0-1	0.0
CP-OFDM QPSK	1	1	18.07	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 143 of 321

Table H-144
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth
NR Band n25
20 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.21	18.05	17.99	0	0.0
	1	53	18.21	18.01	17.96		0.0
	1	104	18.07	18.00	17.89		0.0
	50	0	18.33	18.12	18.13	0-0.5	0.0
	50	28	18.25	18.11	18.06	0	0.0
	50	56	18.23	18.07	18.01	0-0.5	0.0
	100	0	18.30	18.10	18.10		0.0
DFT-s-OFDM QPSK	1	1	18.10	18.01	17.87	0	0.0
	1	53	18.03	18.89	17.92		0.0
	1	104	17.98	18.00	17.72		0.0
	50	0	18.31	18.12	18.13	0-1	0.0
	50	28	18.26	18.11	18.06	0	0.0
	50	56	18.23	18.03	18.16	0-1	0.0
	100	0	18.30	18.09	18.10		0.0
DFT-s-OFDM 16QAM	1	1	18.61	18.38	18.28	0-1	0.0
CP-OFDM QPSK	1	1	18.20	18.01	17.97	0-1.5	0.0

Table H-145
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth
NR Band n25
15 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.28	18.12	17.99	0	0.0
	1	40	18.24	17.99	17.91		0.0
	1	77	18.24	18.00	17.90		0.0
	36	0	18.32	18.16	18.06	0-0.5	0.0
	36	22	18.27	18.05	17.98	0	0.0
	36	43	18.25	18.02	18.01	0-0.5	0.0
	75	0	18.34	18.10	18.06		0.0
DFT-s-OFDM QPSK	1	1	18.20	17.95	17.85	0	0.0
	1	40	18.07	18.00	17.97		0.0
	1	77	18.06	17.85	17.73		0.0
	36	0	18.35	18.07	18.07	0-1	0.0
	36	22	18.29	18.05	18.00	0	0.0
	36	43	18.26	18.17	18.00	0-1	0.0
	75	0	18.32	18.10	18.02		0.0
DFT-s-OFDM 16QAM	1	1	18.68	18.45	18.36	0-1	0.0
CP-OFDM QPSK	1	1	18.29	18.02	17.98	0-1.5	0.0

Table H-146
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth
NR Band n25
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.17	18.07	17.86	0	0.0
	1	26	18.20	18.08	17.83		0.0
	1	50	18.14	18.01	17.91		0.0
	25	0	18.28	17.99	17.86	0-0.5	0.0
	25	14	18.23	18.09	17.83	0	0.0
	25	27	18.25	18.01	17.88	0-0.5	0.0
	50	0	18.28	18.08	17.86		0.0
DFT-s-OFDM QPSK	1	1	18.05	18.00	17.67	0	0.0
	1	26	18.09	17.95	17.67		0.0
	1	50	18.00	17.72	17.71		0.0
	25	0	18.27	18.00	17.88	0-1	0.0
	25	14	18.25	18.08	17.84	0	0.0
	25	27	18.18	18.02	17.85	0-1	0.0
	50	0	18.24	17.98	17.83		0.0
DFT-s-OFDM 16QAM	1	1	18.55	18.28	18.15	0-1	0.0
CP-OFDM QPSK	1	1	18.14	18.07	17.77	0-1.5	0.0

Table H-147
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth
NR Band n25
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.15	17.94	17.74	0	0.0
	1	13	18.10	17.91	17.75		0.0
	1	23	18.18	17.96	17.85		0.0
	12	0	18.19	17.99	17.80	0-0.5	0.0
	12	7	18.18	17.93	17.75	0	0.0
	12	13	18.19	17.95	17.78	0-0.5	0.0
	25	0	18.19	17.95	17.77		0.0
DFT-s-OFDM QPSK	1	1	18.08	17.81	17.63	0	0.0
	1	13	17.97	17.77	17.58		0.0
	1	23	18.06	17.81	17.71		0.0
	12	0	18.15	17.96	17.80	0-1	0.0
	12	7	18.14	17.93	17.75	0	0.0
	12	13	18.16	17.93	17.80	0-1	0.0
	25	0	18.14	18.09	17.79		0.0
DFT-s-OFDM 16QAM	1	1	18.56	18.32	18.08	0-1	0.0
CP-OFDM QPSK	1	1	18.12	17.88	17.74	0-1.5	0.0

Table H-148
NR Band n25 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.24	0	0.0
	1	80	19.18		0.0
	1	158	19.00		0.0
	80	0	19.23	0-0.5	0.0
	80	40	19.17	0	0.0
	80	80	19.12	0-0.5	0.0
	160	0	19.22		0.0
DFT-s-OFDM QPSK	1	1	19.10	0	0.0
	1	80	18.98		0.0
	1	158	18.89		0.0
	80	0	19.20	0-1	0.0
	80	40	19.19	0	0.0
	80	80	19.14	0-1	0.0
	160	0	19.21		0.0
DFT-s-OFDM 16QAM	1	1	19.54	0-1	0.0
CP-OFDM QPSK	1	1	19.19	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 148 of 321

Table H-149
NR Band n25 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.00	0	0.0
	1	67	19.02		0.0
	1	131	18.91		0.0
	64	0	19.10	0-0.5	0.0
	64	35	19.08	0	0.0
	64	69	19.01	0-0.5	0.0
	128	0	19.12		0.0
DFT-s-OFDM QPSK	1	1	18.97	0	0.0
	1	67	19.00		0.0
	1	131	18.79		0.0
	64	0	19.11	0-1	0.0
	64	35	19.09	0	0.0
	64	69	19.03	0-1	0.0
	128	0	19.08		0.0
DFT-s-OFDM 16QAM	1	1	19.42	0-1	0.0
CP-OFDM QPSK	1	1	19.08	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 149 of 321

Table H-150
NR Band n25 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.99	19.03	19.04	0	0.0
	1	53	19.20	19.02	18.99		0.0
	1	104	19.12	18.92	18.93		0.0
	50	0	19.31	19.08	19.13	0-0.5	0.0
	50	28	19.28	19.06	19.10	0	0.0
	50	56	19.19	19.05	19.06	0-0.5	0.0
	100	0	19.27	19.10	19.10		0.0
DFT-s-OFDM QPSK	1	1	19.07	18.89	18.86	0	0.0
	1	53	19.06	18.96	18.87		0.0
	1	104	18.95	18.78	18.78		0.0
	50	0	19.27	19.09	19.11	0-1	0.0
	50	28	19.26	19.13	19.08	0	0.0
	50	56	19.21	19.04	19.02	0-1	0.0
	100	0	19.28	19.08	19.11		0.0
DFT-s-OFDM 16QAM	1	1	19.58	19.36	19.39	0-1	0.0
CP-OFDM QPSK	1	1	19.21	19.04	18.96	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 150 of 321

Table H-151
NR Band n25 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.29	19.06	19.02	0	0.0
	1	40	19.23	18.97	18.93		0.0
	1	77	19.18	18.99	18.87		0.0
	36	0	19.35	19.14	19.05	0-0.5	0.0
	36	22	19.30	19.09	19.00	0	0.0
	36	43	19.29	19.02	19.01	0-0.5	0.0
	75	0	19.31	19.11	19.07		0.0
DFT-s-OFDM QPSK	1	1	19.21	18.95	18.88	0	0.0
	1	40	19.11	18.94	18.82		0.0
	1	77	19.11	18.86	18.77		0.0
	36	0	19.32	19.09	19.07	0-1	0.0
	36	22	19.34	19.09	19.04	0	0.0
	36	43	19.28	19.06	18.98	0-1	0.0
	75	0	19.36	19.08	19.03		0.0
DFT-s-OFDM 16QAM	1	1	19.68	19.41	19.35	0-1	0.0
CP-OFDM QPSK	1	1	19.29	19.06	18.99	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 151 of 321

Table H-152
NR Band n25 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.17	19.13	18.84	0	0.0
	1	26	19.21	18.94	18.84		0.0
	1	50	19.12	18.80	18.86		0.0
	25	0	19.29	19.00	18.84	0-0.5	0.0
	25	14	19.23	19.00	18.95	0	0.0
	25	27	19.23	18.96	18.82	0-0.5	0.0
	50	0	19.26	19.07	19.14		0.0
DFT-s-OFDM QPSK	1	1	19.10	18.81	18.72	0	0.0
	1	26	19.08	18.98	18.63		0.0
	1	50	18.99	18.73	18.71		0.0
	25	0	19.28	19.02	18.90	0-1	0.0
	25	14	19.26	19.07	18.88	0	0.0
	25	27	19.23	18.97	18.85	0-1	0.0
	50	0	19.26	18.98	18.86		0.0
DFT-s-OFDM 16QAM	1	1	19.54	19.20	19.16	0-1	0.0
CP-OFDM QPSK	1	1	19.13	19.00	18.76	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 152 of 321

Table H-153
NR Band n25 Antenna A Measured P_{Limit} for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.14	18.95	18.89	0	0.0
	1	13	19.10	18.94	18.73		0.0
	1	23	19.15	18.94	18.80		0.0
	12	0	19.15	18.96	18.82	0-0.5	0.0
	12	7	19.16	18.97	18.80	0	0.0
	12	13	19.16	18.92	18.80	0-0.5	0.0
	25	0	19.16	18.95	18.79		0.0
DFT-s-OFDM QPSK	1	1	19.02	18.85	18.66	0	0.0
	1	13	18.97	18.78	18.67		0.0
	1	23	19.04	18.82	18.72		0.0
	12	0	19.19	18.94	18.80	0-1	0.0
	12	7	19.17	18.96	18.77	0	0.0
	12	13	19.15	18.94	18.78	0-1	0.0
	25	0	19.17	18.94	18.81		0.0
DFT-s-OFDM 16QAM	1	1	19.48	19.25	18.94	0-1	0.0
CP-OFDM QPSK	1	1	19.13	18.89	18.69	0-1.5	0.0

H.2.5 NR Band n25 Antenna F

Table H-154

NR Band n25 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.92	0	0.0
	1	80	20.00		0.0
	1	158	19.78		0.0
	80	0	20.11	0-0.5	0.0
	80	40	20.02	0	0.0
	80	80	20.04	0-0.5	0.0
	160	0	20.06		0.0
DFT-s-OFDM QPSK	1	1	19.81	0	0.0
	1	80	19.90		0.0
	1	158	19.69		0.0
	80	0	20.09	0-1	0.0
	80	40	20.02	0	0.0
	80	80	20.06	0-1	0.0
	160	0	20.02		0.0
DFT-s-OFDM 16QAM	1	1	20.27	0-1	0.0
CP-OFDM QPSK	1	1	19.93	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 154 of 321

Table H-155

NR Band n25 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.11	0	0.0
	1	67	19.90		0.0
	1	131	19.85		0.0
	64	0	20.14	0-0.5	0.0
	64	35	20.10	0	0.0
	64	69	20.05	0-0.5	0.0
	128	0	20.09		0.0
DFT-s-OFDM QPSK	1	1	19.98	0	0.0
	1	67	19.82		0.0
	1	131	19.73		0.0
	64	0	20.17	0-1	0.0
	64	35	20.16	0	0.0
	64	69	20.06	0-1	0.0
	128	0	20.11		0.0
DFT-s-OFDM 16QAM	1	1	20.44	0-1	0.0
CP-OFDM QPSK	1	1	20.11	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 155 of 321

Table H-156

NR Band n25 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.26	20.06	19.85	0	0.0
	1	53	20.09	19.92	19.83		0.0
	1	104	20.17	19.89	19.78		0.0
	50	0	20.31	20.12	19.96	0-0.5	0.0
	50	28	20.24	20.08	19.96	0	0.0
	50	56	20.21	20.02	19.86	0-0.5	0.0
	100	0	20.25	20.09	19.93		0.0
DFT-s-OFDM QPSK	1	1	20.14	19.94	19.76	0	0.0
	1	53	19.95	19.86	19.77		0.0
	1	104	20.01	19.77	19.71		0.0
	50	0	20.27	20.10	19.98	0-1	0.0
	50	28	20.27	20.06	19.99	0	0.0
	50	56	20.23	20.04	19.89	0-1	0.0
	100	0	20.25	20.09	19.96		0.0
DFT-s-OFDM 16QAM	1	1	20.53	20.37	20.15	0-1	0.0
CP-OFDM QPSK	1	1	20.23	20.04	19.83	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 156 of 321

Table H-157

NR Band n25 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.35	20.13	19.92	0	0.0
	1	40	20.19	19.95	19.87		0.0
	1	77	20.16	19.92	19.80		0.0
	36	0	20.27	20.10	19.90	0-0.5	0.0
	36	22	20.27	20.09	19.87	0	0.0
	36	43	20.18	20.08	19.86	0-0.5	0.0
	75	0	20.26	20.06	19.88		0.0
DFT-s-OFDM QPSK	1	1	20.18	20.01	19.78	0	0.0
	1	40	20.06	19.84	19.66		0.0
	1	77	20.03	19.80	19.63		0.0
	36	0	20.29	20.09	19.87	0-1	0.0
	36	22	20.26	20.07	19.88	0	0.0
	36	43	20.23	20.06	19.82	0-1	0.0
	75	0	20.28	20.10	19.89		0.0
DFT-s-OFDM 16QAM	1	1	20.60	20.30	20.14	0-1	0.0
CP-OFDM QPSK	1	1	20.30	20.11	19.86	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 157 of 321

Table H-158

NR Band n25 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.14	19.92	19.84	0	0.0
	1	26	20.07	19.93	19.55		0.0
	1	50	20.04	19.82	19.70		0.0
	25	0	20.16	19.97	19.74	0-0.5	0.0
	25	14	20.11	19.94	19.65	0	0.0
	25	27	20.08	19.96	19.69	0-0.5	0.0
	50	0	20.11	19.96	19.75		0.0
DFT-s-OFDM QPSK	1	1	19.94	19.80	19.62	0	0.0
	1	26	19.86	19.78	19.43		0.0
	1	50	19.85	19.73	19.57		0.0
	25	0	20.15	19.98	19.76	0-1	0.0
	25	14	20.11	19.97	19.72	0	0.0
	25	27	20.08	19.91	19.73	0-1	0.0
	50	0	20.13	19.97	19.73		0.0
DFT-s-OFDM 16QAM	1	1	20.36	20.20	19.86	0-1	0.0
CP-OFDM QPSK	1	1	20.03	19.84	19.67	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 158 of 321

Table H-159

NR Band n25 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.99	19.96	19.87	0	0.0
	1	13	20.00	19.91	19.65		0.0
	1	23	19.99	19.93	19.73		0.0
	12	0	20.08	19.94	19.60	0-0.5	0.0
	12	7	20.06	19.95	19.63	0	0.0
	12	13	20.05	19.97	19.72	0-0.5	0.0
	25	0	20.07	19.94	19.69		0.0
DFT-s-OFDM QPSK	1	1	19.93	19.85	19.39	0	0.0
	1	13	19.90	19.76	19.48		0.0
	1	23	19.90	19.80	19.50		0.0
	12	0	20.08	19.96	19.63	0-1	0.0
	12	7	20.04	19.95	19.67	0	0.0
	12	13	20.03	19.92	19.71	0-1	0.0
	25	0	20.07	19.94	19.70		0.0
DFT-s-OFDM 16QAM	1	1	20.34	20.26	19.72	0-1	0.0
CP-OFDM QPSK	1	1	19.98	19.87	19.46	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 159 of 321

Table H-160
NR Band n25 Antenna F Measured P_{Limit} for DSI = 2 (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	17.14	0	0.0
	1	80	17.20		0.0
	1	158	17.00		0.0
	80	0	17.27	0-0.5	0.0
	80	40	17.16	0	0.0
	80	80	17.21	0-0.5	0.0
	160	0	17.20		0.0
DFT-s-OFDM QPSK	1	1	17.02	0	0.0
	1	80	17.08		0.0
	1	158	16.87		0.0
	80	0	17.25	0-1	0.0
	80	40	17.18	0	0.0
	80	80	17.19	0-1	0.0
	160	0	17.20		0.0
DFT-s-OFDM 16QAM	1	1	17.47	0-1	0.0
CP-OFDM QPSK	1	1	17.09	0-1.5	0.0

Table H-161
NR Band n25 Antenna F Measured P_{Limit} for DSI = 2 (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	17.23	0	0.0
	1	67	17.06		0.0
	1	131	17.00		0.0
	64	0	17.25	0-0.5	0.0
	64	35	17.21	0	0.0
	64	69	17.13	0-0.5	0.0
	128	0	17.21		0.0
DFT-s-OFDM QPSK	1	1	17.15	0	0.0
	1	67	16.93		0.0
	1	131	16.86		0.0
	64	0	17.27	0-1	0.0
	64	35	17.23	0	0.0
	64	69	17.14	0-1	0.0
	128	0	17.23		0.0
DFT-s-OFDM 16QAM	1	1	17.42	0-1	0.0
CP-OFDM QPSK	1	1	17.25	0-1.5	0.0

Table H-162
NR Band n25 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth
NR Band n25
20 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.28	17.18	17.02	0	0.0
	1	53	17.23	17.10	16.91		0.0
	1	104	17.20	16.94	16.90		0.0
	50	0	17.39	17.24	17.06	0-0.5	0.0
	50	28	17.33	17.22	17.07	0	0.0
	50	56	17.24	17.15	17.00	0-0.5	0.0
	100	0	17.34	17.20	17.04		0.0
DFT-s-OFDM QPSK	1	1	17.19	17.07	16.90	0	0.0
	1	53	17.13	16.94	16.78		0.0
	1	104	17.05	16.84	16.75		0.0
	50	0	17.40	17.24	17.07	0-1	0.0
	50	28	17.36	17.21	17.06	0	0.0
	50	56	17.28	17.13	17.01	0-1	0.0
	100	0	17.35	17.19	17.04		0.0
DFT-s-OFDM 16QAM	1	1	17.41	17.38	17.30	0-1	0.0
CP-OFDM QPSK	1	1	17.28	17.18	16.98	0-1.5	0.0

Table H-163
NR Band n25 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth
NR Band n25
15 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.37	17.18	17.06	0	0.0
	1	40	17.27	17.07	16.93		0.0
	1	77	17.23	17.04	16.84		0.0
	36	0	17.42	17.24	17.00	0-0.5	0.0
	36	22	17.37	17.18	16.98	0	0.0
	36	43	17.36	17.15	16.93	0-0.5	0.0
	75	0	17.41	17.21	17.00		0.0
DFT-s-OFDM QPSK	1	1	17.27	17.10	16.94	0	0.0
	1	40	17.16	16.97	16.84		0.0
	1	77	17.15	16.90	16.74		0.0
	36	0	17.39	17.22	17.03	0-1	0.0
	36	22	17.41	17.18	16.99	0	0.0
	36	43	17.35	17.15	16.92	0-1	0.0
	75	0	17.39	17.20	17.01		0.0
DFT-s-OFDM 16QAM	1	1	17.46	17.44	17.41	0-1	0.0
CP-OFDM QPSK	1	1	17.34	17.19	16.99	0-1.5	0.0

Table H-164
NR Band n25 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth
NR Band n25
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.19	17.04	16.82	0	0.0
	1	26	17.19	17.01	16.72		0.0
	1	50	17.15	16.97	16.80		0.0
	25	0	17.30	17.14	16.93	0-0.5	0.0
	25	14	17.26	17.13	16.81	0	0.0
	25	27	17.19	17.07	16.82	0-0.5	0.0
	50	0	17.24	17.12	16.87		0.0
DFT-s-OFDM QPSK	1	1	17.07	16.96	16.67	0	0.0
	1	26	17.07	16.93	16.61		0.0
	1	50	17.02	16.85	16.66		0.0
	25	0	17.29	17.12	16.92	0-1	0.0
	25	14	17.26	17.13	16.85	0	0.0
	25	27	17.19	17.08	16.81	0-1	0.0
	50	0	17.24	17.12	16.84		0.0
DFT-s-OFDM 16QAM	1	1	17.44	17.30	17.02	0-1	0.0
CP-OFDM QPSK	1	1	17.11	17.01	16.72	0-1.5	0.0

Table H-165
NR Band n25 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 5 MHz Bandwidth
NR Band n25
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.17	17.11	16.65	0	0.0
	1	13	17.19	17.00	16.69		0.0
	1	23	17.19	17.02	16.76		0.0
	12	0	17.18	17.07	16.75	0-0.5	0.0
	12	7	17.19	17.09	16.75	0	0.0
	12	13	17.17	17.07	16.78	0-0.5	0.0
	25	0	17.21	17.11	16.76		0.0
DFT-s-OFDM QPSK	1	1	17.06	17.00	16.55	0	0.0
	1	13	17.01	16.85	16.58		0.0
	1	23	17.01	16.91	16.68		0.0
	12	0	17.20	17.06	16.72	0-1	0.0
	12	7	17.17	17.07	16.74	0	0.0
	12	13	17.17	17.06	16.82	0-1	0.0
	25	0	17.23	17.11	16.77		0.0
DFT-s-OFDM 16QAM	1	1	17.44	17.42	16.94	0-1	0.0
CP-OFDM QPSK	1	1	17.11	17.04	16.62	0-1.5	0.0

H.2.6 NR Band n30 Antenna A

Table H-166

NR Band n30 Antenna A Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (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	22.41	0	0.0
	1	13	22.51		0.0
	1	23	22.37		0.0
	12	0	22.01	0-0.5	0.5
	12	7	22.54	0	0.0
	12	13	21.95	0-0.5	0.5
	25	0	21.97		0.5
DFT-s-OFDM QPSK	1	1	22.32	0	0.0
	1	13	22.35		0.0
	1	23	22.28		0.0
	12	0	21.51	0-1	1.0
	12	7	22.55	0	0.0
	12	13	21.50	0-1	1.0
	25	0	21.47		1.0
DFT-s-OFDM 16QAM	1	1	21.72	0-1	1.0
CP-OFDM QPSK	1	1	20.87	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 166 of 321

Table H-167

NR Band n30 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.50	0	0.0
	1	13	18.56		0.0
	1	23	18.52		0.0
	12	0	18.57	0-0.5	0.0
	12	7	18.59	0	0.0
	12	13	18.59	0-0.5	0.0
	25	0	18.58		0.0
DFT-s-OFDM QPSK	1	1	18.36	0	0.0
	1	13	18.41		0.0
	1	23	18.39		0.0
	12	0	18.59	0-1	0.0
	12	7	18.62	0	0.0
	12	13	18.52	0-1	0.0
	25	0	18.58		0.0
DFT-s-OFDM 16QAM	1	1	18.84	0-1	0.0
CP-OFDM QPSK	1	1	18.42	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 167 of 321

H.2.7 NR Band n30 Antenna F

Table H-168

NR Band n30 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.87	0	0.0
	1	13	18.90		0.0
	1	23	18.97		0.0
	12	0	18.78	0-0.5	0.0
	12	7	18.98	0	0.0
	12	13	18.99	0-0.5	0.0
	25	0	18.90		0.0
DFT-s-OFDM QPSK	1	1	18.97	0	0.0
	1	13	18.97		0.0
	1	23	18.96		0.0
	12	0	18.97	0-1	0.0
	12	7	18.78	0	0.0
	12	13	18.98	0-1	0.0
	25	0	18.89		0.0
DFT-s-OFDM 16QAM	1	1	18.99	0-1	0.0
CP-OFDM QPSK	1	1	18.99	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 168 of 321

Table H-169
NR Band n30 Antenna F Measured P_{Limit} for DSI = 2 (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	17.32	0	0.0
	1	13	17.13		0.0
	1	23	17.01		0.0
	12	0	17.16	0-0.5	0.0
	12	7	17.17	0	0.0
	12	13	17.15	0-0.5	0.0
	25	0	17.15		0.0
DFT-s-OFDM QPSK	1	1	17.01	0	0.0
	1	13	17.05		0.0
	1	23	16.93		0.0
	12	0	17.18	0-1	0.0
	12	7	17.21	0	0.0
	12	13	17.15	0-1	0.0
	25	0	17.17		0.0
DFT-s-OFDM 16QAM	1	1	17.36	0-1	0.0
CP-OFDM QPSK	1	1	17.07	0-1.5	0.0

H.2.8 NR Band n7 Antenna B

Table H-170

NR Band n7 Antenna B Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (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	22.90	0	0.0
	1	80	23.26		0.0
	1	158	23.18		0.0
	80	0	22.69	0-0.5	0.5
	80	40	23.08	0	0.0
	80	80	22.63	0-0.5	0.5
	160	0	22.61		0.5
DFT-s-OFDM QPSK	1	1	22.97	0	0.0
	1	80	23.10		0.0
	1	158	23.03		0.0
	80	0	22.18	0-1	1.0
	80	40	23.12	0	0.0
	80	80	22.15	0-1	1.0
	160	0	22.13		1.0
DFT-s-OFDM 16QAM	1	1	22.46	0-1	1.0
CP-OFDM QPSK	1	1	21.67	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 170 of 321

Table H-171
NR Band n7 Antenna B Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
and/or DSI = 2 (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	23.10	0	0.0
	1	67	22.96		0.0
	1	131	22.89		0.0
	64	0	22.65	0-0.5	0.5
	64	35	23.09	0	0.0
	64	69	22.53	0-0.5	0.5
	128	0	22.61		0.5
DFT-s-OFDM QPSK	1	1	23.01	0	0.0
	1	67	22.86		0.0
	1	131	22.77		0.0
	64	0	22.18	0-1	1.0
	64	35	23.09	0	0.0
	64	69	21.99	0-1	1.0
	128	0	22.13		1.0
DFT-s-OFDM 16QAM	1	1	22.42	0-1	1.0
CP-OFDM QPSK	1	1	21.55	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 171 of 321

Table H-172
NR Band n7 Antenna B Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
and/or DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.75	23.06	22.94	0	0.0
	1	53	23.14	23.01	22.95		0.0
	1	104	23.07	22.87	22.82		0.0
	50	0	22.65	22.64	22.55	0-0.5	0.5
	50	28	23.28	23.09	23.03	0	0.0
	50	56	22.73	22.53	22.63	0-0.5	0.5
	100	0	22.79	22.62	22.56		0.5
DFT-s-OFDM QPSK	1	1	23.10	23.00	23.00	0	0.0
	1	53	23.03	22.87	22.78		0.0
	1	104	22.94	22.79	22.88		0.0
	50	0	22.17	22.14	22.05	0-1	1.0
	50	28	23.30	23.07	23.06	0	0.0
	50	56	22.23	22.04	22.15	0-1	1.0
	100	0	22.27	22.10	22.06		1.0
DFT-s-OFDM 16QAM	1	1	22.31	22.35	22.29	0-1	1.0
CP-OFDM QPSK	1	1	21.54	21.48	21.40	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 172 of 321

Table H-173
NR Band n7 Antenna B Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
and/or DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.96	23.04	22.95	0	0.0
	1	40	23.18	23.01	23.05		0.0
	1	77	23.12	22.95	22.88		0.0
	36	0	22.32	22.59	22.57	0-0.5	0.5
	36	22	23.27	23.07	23.16	0	0.0
	36	43	22.72	22.54	22.68	0-0.5	0.5
	75	0	22.78	22.63	22.71		0.5
DFT-s-OFDM QPSK	1	1	22.97	22.92	22.83	0	0.0
	1	40	23.03	22.90	22.94		0.0
	1	77	22.98	22.81	22.88		0.0
	36	0	22.13	22.13	22.09	0-1	1.0
	36	22	23.23	23.05	23.20	0	0.0
	36	43	22.26	22.03	22.18	0-1	1.0
	75	0	22.26	22.11	22.21		1.0
DFT-s-OFDM 16QAM	1	1	22.35	22.35	22.30	0-1	1.0
CP-OFDM QPSK	1	1	21.59	21.50	21.35	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 173 of 321

Table H-174

NR Band n7 Antenna B Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), and/or DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.95	22.98	22.94	0	0.0
	1	26	23.04	23.01	22.99		0.0
	1	50	22.96	22.93	22.91		0.0
	25	0	22.31	22.55	22.49	0-0.5	0.5
	25	14	23.05	22.97	23.03	0	0.0
	25	27	22.53	22.45	22.50	0-0.5	0.5
	50	0	22.55	22.48	22.53		0.5
DFT-s-OFDM QPSK	1	1	22.83	22.81	22.82	0	0.0
	1	26	22.90	22.82	22.89		0.0
	1	50	22.85	22.83	22.69		0.0
	25	0	21.92	22.03	22.01	0-1	1.0
	25	14	23.03	23.01	23.01	0	0.0
	25	27	22.03	21.97	22.02	0-1	1.0
	50	0	22.01	22.02	22.04		1.0
DFT-s-OFDM 16QAM	1	1	22.19	22.31	22.30	0-1	1.0
CP-OFDM QPSK	1	1	21.31	21.37	21.34	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 174 of 321

Table H-175
NR Band n7 Antenna B Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
and/or DSI = 2 (Head - 5 MHz Bandwidth)

NR Band n7							
5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.98	22.93	22.96	0	0.0
	1	13	23.03	22.99	22.85		0.0
	1	23	23.11	22.99	22.84		0.0
	12	0	22.19	22.46	22.50	0-0.5	0.5
	12	7	22.84	23.00	23.07	0	0.0
	12	13	22.60	22.55	22.59	0-0.5	0.5
	25	0	22.39	22.48	22.53		0.5
DFT-s-OFDM QPSK	1	1	22.87	22.79	22.81	0	0.0
	1	13	22.92	22.80	22.89		0.0
	1	23	23.01	22.84	22.89		0.0
	12	0	21.71	21.96	22.04	0-1	1.0
	12	7	22.87	22.98	23.07	0	0.0
	12	13	21.91	22.02	22.15	0-1	1.0
	25	0	22.11	22.03	22.08		1.0
DFT-s-OFDM 16QAM	1	1	22.27	22.25	22.32	0-1	1.0
CP-OFDM QPSK	1	1	21.43	21.36	21.36	0-1.5	1.5

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 175 of 321

Table H-176

NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	18.45	0	0.0
	1	80	18.54		0.0
	1	158	18.42		0.0
	80	0	18.55	0-0.5	0.0
	80	40	18.46	0	0.0
	80	80	18.45	0-0.5	0.0
	160	0	18.44		0.0
DFT-s-OFDM QPSK	1	1	18.38	0	0.0
	1	80	18.38		0.0
	1	158	18.32		0.0
	80	0	18.53	0-1	0.0
	80	40	18.42	0	0.0
	80	80	18.44	0-1	0.0
	160	0	18.44		0.0
DFT-s-OFDM 16QAM	1	1	18.77	0-1	0.0
CP-OFDM QPSK	1	1	18.46	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 176 of 321

Table H-177

NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	18.21	0	0.0
	1	67	18.40		0.0
	1	131	18.23		0.0
	64	0	18.47	0-0.5	0.0
	64	35	18.45	0	0.0
	64	69	18.31	0-0.5	0.0
	128	0	18.44		0.0
DFT-s-OFDM QPSK	1	1	18.33	0	0.0
	1	67	18.20		0.0
	1	131	18.09		0.0
	64	0	18.49	0-1	0.0
	64	35	18.42	0	0.0
	64	69	18.33	0-1	0.0
	128	0	18.44		0.0
DFT-s-OFDM 16QAM	1	1	18.74	0-1	0.0
CP-OFDM QPSK	1	1	18.38	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 177 of 321

Table H-178

NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.40	18.37	18.31	0	0.0
	1	53	18.49	18.34	18.27		0.0
	1	104	18.41	18.22	18.41		0.0
	50	0	18.49	18.45	18.40	0-0.5	0.0
	50	28	18.58	18.41	18.42	0	0.0
	50	56	18.54	18.43	18.51	0-0.5	0.0
	100	0	18.59	18.46	18.37		0.0
DFT-s-OFDM QPSK	1	1	18.28	18.28	18.19	0	0.0
	1	53	18.40	18.18	18.12		0.0
	1	104	18.26	18.05	18.29		0.0
	50	0	18.50	18.43	18.40	0-1	0.0
	50	28	18.59	18.41	18.40	0	0.0
	50	56	18.56	18.35	18.48	0-1	0.0
	100	0	18.62	18.43	18.37		0.0
DFT-s-OFDM 16QAM	1	1	18.61	18.72	18.54	0-1	0.0
CP-OFDM QPSK	1	1	18.35	18.32	18.21	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 178 of 321

Table H-179

NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.15	18.39	18.25	0	0.0
	1	40	18.48	18.32	18.39		0.0
	1	77	18.41	18.23	18.45		0.0
	36	0	18.46	18.47	18.41	0-0.5	0.0
	36	22	18.57	18.36	18.49	0	0.0
	36	43	18.52	18.44	18.49	0-0.5	0.0
	75	0	18.58	18.44	18.55		0.0
DFT-s-OFDM QPSK	1	1	18.28	18.25	18.13	0	0.0
	1	40	18.36	18.17	18.28		0.0
	1	77	18.32	18.15	18.33		0.0
	36	0	18.51	18.46	18.38	0-1	0.0
	36	22	18.57	18.36	18.47	0	0.0
	36	43	18.55	18.37	18.53	0-1	0.0
	75	0	18.58	18.45	18.55		0.0
DFT-s-OFDM 16QAM	1	1	18.63	18.69	18.55	0-1	0.0
CP-OFDM QPSK	1	1	18.35	18.28	18.18	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 179 of 321

Table H-180

NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.24	18.28	18.26	0	0.0
	1	26	18.37	18.29	18.32		0.0
	1	50	18.31	18.24	18.30		0.0
	25	0	18.41	18.36	18.34	0-0.5	0.0
	25	14	18.40	18.34	18.37	0	0.0
	25	27	18.34	18.29	18.36	0-0.5	0.0
	50	0	18.39	18.34	18.32		0.0
DFT-s-OFDM QPSK	1	1	18.15	18.13	18.15	0	0.0
	1	26	18.27	18.13	18.21		0.0
	1	50	18.18	18.08	18.21		0.0
	25	0	18.36	18.35	18.36	0-1	0.0
	25	14	18.39	18.34	18.33	0	0.0
	25	27	18.36	18.29	18.33	0-1	0.0
	50	0	18.39	18.31	18.32		0.0
DFT-s-OFDM 16QAM	1	1	18.48	18.61	18.57	0-1	0.0
CP-OFDM QPSK	1	1	18.17	18.20	18.15	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 180 of 321

Table H-181

NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.34	18.28	18.18	0	0.0
	1	13	18.41	18.29	18.33		0.0
	1	23	18.48	18.29	18.33		0.0
	12	0	18.31	18.32	18.29	0-0.5	0.0
	12	7	18.36	18.35	18.37	0	0.0
	12	13	18.50	18.34	18.39	0-0.5	0.0
	25	0	18.51	18.34	18.32		0.0
DFT-s-OFDM QPSK	1	1	18.20	18.11	18.12	0	0.0
	1	13	18.28	18.15	18.21		0.0
	1	23	18.37	18.11	18.19		0.0
	12	0	18.33	18.30	18.31	0-1	0.0
	12	7	18.37	18.35	18.37	0	0.0
	12	13	18.54	18.35	18.42	0-1	0.0
	25	0	18.48	18.31	18.34		0.0
DFT-s-OFDM 16QAM	1	1	18.56	18.62	18.65	0-1	0.0
CP-OFDM QPSK	1	1	18.24	18.18	18.18	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 181 of 321

H.2.9 NR Band n7 Antenna F

Table H-182

NR Band n7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (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	18.23	0	0.0
	1	80	18.20		0.0
	1	158	18.10		0.0
	80	0	18.22	0-0.5	0.0
	80	40	18.18	0	0.0
	80	80	18.20	0-0.5	0.0
	160	0	18.19		0.0
DFT-s-OFDM QPSK	1	1	18.17	0	0.0
	1	80	18.14		0.0
	1	158	18.05		0.0
	80	0	18.23	0-1	0.0
	80	40	18.15	0	0.0
	80	80	18.20	0-1	0.0
	160	0	18.20		0.0
DFT-s-OFDM 16QAM	1	1	18.49	0-1	0.0
CP-OFDM QPSK	1	1	18.26	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 182 of 321

Table H-183

NR Band n7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (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	18.16	0	0.0
	1	67	18.04		0.0
	1	131	17.99		0.0
	64	0	18.20	0-0.5	0.0
	64	35	18.20	0	0.0
	64	69	18.14	0-0.5	0.0
	128	0	18.20		0.0
DFT-s-OFDM QPSK	1	1	18.04	0	0.0
	1	67	17.95		0.0
	1	131	17.86		0.0
	64	0	18.18	0-1	0.0
	64	35	18.17	0	0.0
	64	69	18.12	0-1	0.0
	128	0	18.20		0.0
DFT-s-OFDM 16QAM	1	1	18.40	0-1	0.0
CP-OFDM QPSK	1	1	18.13	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 183 of 321

Table H-184

NR Band n7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.02	18.08	18.07	0	0.0
	1	53	18.05	18.00	18.02		0.0
	1	104	18.15	17.93	17.98		0.0
	50	0	18.11	18.18	18.16	0-0.5	0.0
	50	28	18.14	18.14	18.10	0	0.0
	50	56	18.15	18.12	18.09	0-0.5	0.0
	100	0	18.20	18.21	18.13		0.0
DFT-s-OFDM QPSK	1	1	17.87	17.98	18.00	0	0.0
	1	53	17.95	17.97	17.90		0.0
	1	104	18.04	17.89	17.87		0.0
	50	0	18.12	18.16	18.15	0-1	0.0
	50	28	18.15	18.17	18.12	0	0.0
	50	56	18.15	18.14	18.09	0-1	0.0
	100	0	18.17	18.17	18.16		0.0
DFT-s-OFDM 16QAM	1	1	18.25	18.34	18.40	0-1	0.0
CP-OFDM QPSK	1	1	18.06	18.07	18.04	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 184 of 321

Table H-185

NR Band n7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.85	18.03	18.08	0	0.0
	1	40	17.98	18.03	17.99		0.0
	1	77	17.95	17.99	18.10		0.0
	36	0	18.06	18.15	18.15	0-0.5	0.0
	36	22	18.13	18.14	18.09	0	0.0
	36	43	18.09	18.15	18.08	0-0.5	0.0
	75	0	18.13	18.20	18.12		0.0
DFT-s-OFDM QPSK	1	1	17.90	17.99	17.95	0	0.0
	1	40	17.93	17.88	17.89		0.0
	1	77	17.92	17.90	17.90		0.0
	36	0	18.13	18.21	18.16	0-1	0.0
	36	22	18.14	18.17	18.09	0	0.0
	36	43	18.14	18.12	18.04	0-1	0.0
	75	0	18.17	18.19	18.13		0.0
DFT-s-OFDM 16QAM	1	1	18.24	18.31	18.19	0-1	0.0
CP-OFDM QPSK	1	1	18.03	18.08	18.05	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 185 of 321

Table H-186

NR Band n7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.91	18.06	17.99	0	0.0
	1	26	17.90	18.07	18.02		0.0
	1	50	17.91	18.03	17.94		0.0
	25	0	17.95	18.13	17.98	0-0.5	0.0
	25	14	17.97	18.11	18.06	0	0.0
	25	27	17.99	18.10	18.03	0-0.5	0.0
	50	0	17.98	18.09	18.01		0.0
DFT-s-OFDM QPSK	1	1	17.78	17.97	17.79	0	0.0
	1	26	17.79	17.95	17.84		0.0
	1	50	17.79	17.96	17.82		0.0
	25	0	17.97	18.12	17.95	0-1	0.0
	25	14	17.96	18.10	18.01	0	0.0
	25	27	18.00	18.06	18.00	0-1	0.0
	50	0	17.98	18.07	18.05		0.0
DFT-s-OFDM 16QAM	1	1	17.97	18.32	18.05	0-1	0.0
CP-OFDM QPSK	1	1	17.84	17.99	17.85	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 186 of 321

Table H-187

NR Band n7 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.98	18.04	17.96	0	0.0
	1	13	18.02	18.07	18.03		0.0
	1	23	18.03	18.07	17.99		0.0
	12	0	18.01	18.06	18.00	0-0.5	0.0
	12	7	18.03	18.11	18.01	0	0.0
	12	13	18.13	18.13	18.07	0-0.5	0.0
	25	0	18.01	18.11	18.04		0.0
DFT-s-OFDM QPSK	1	1	17.87	17.98	17.84	0	0.0
	1	13	17.90	17.96	17.88		0.0
	1	23	17.88	17.93	17.87		0.0
	12	0	17.97	18.05	18.00	0-1	0.0
	12	7	18.05	18.12	18.04	0	0.0
	12	13	18.07	18.11	18.08	0-1	0.0
	25	0	18.03	18.06	18.01		0.0
DFT-s-OFDM 16QAM	1	1	18.24	18.33	18.34	0-1	0.0
CP-OFDM QPSK	1	1	17.95	17.96	17.91	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 187 of 321

Table H-188
NR Band n7 Antenna F Measured P_{Limit} for DSI = 2 (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	15.00	0	0.0
	1	80	14.96		0.0
	1	158	14.94		0.0
	80	0	14.96	0-0.5	0.0
	80	40	15.04	0	0.0
	80	80	14.99	0-0.5	0.0
	160	0	15.04		0.0
DFT-s-OFDM QPSK	1	1	14.90	0	0.0
	1	80	14.88		0.0
	1	158	14.80		0.0
	80	0	14.96	0-1	0.0
	80	40	15.01	0	0.0
	80	80	14.97	0-1	0.0
	160	0	15.02		0.0
DFT-s-OFDM 16QAM	1	1	15.28	0-1	0.0
CP-OFDM QPSK	1	1	14.98	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 188 of 321

Table H-189
NR Band n7 Antenna F Measured P_{Limit} for DSI = 2 (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	14.80	0	0.0
	1	67	14.84		0.0
	1	131	14.73		0.0
	64	0	14.94	0-0.5	0.0
	64	35	14.93	0	0.0
	64	69	14.90	0-0.5	0.0
	128	0	14.91		0.0
DFT-s-OFDM QPSK	1	1	14.75	0	0.0
	1	67	14.69		0.0
	1	131	14.65		0.0
	64	0	14.95	0-1	0.0
	64	35	14.98	0	0.0
	64	69	14.91	0-1	0.0
	128	0	14.96		0.0
DFT-s-OFDM 16QAM	1	1	15.05	0-1	0.0
CP-OFDM QPSK	1	1	14.91	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 189 of 321

Table H-190
NR Band n7 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth
NR Band n7
20 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.81	14.86	14.82	0	0.0
	1	53	14.89	14.83	14.74		0.0
	1	104	14.99	14.78	14.70		0.0
	50	0	14.98	14.97	14.93	0-0.5	0.0
	50	28	15.00	14.92	14.89	0	0.0
	50	56	15.09	14.89	14.81	0-0.5	0.0
	100	0	14.99	14.96	14.87		0.0
DFT-s-OFDM QPSK	1	1	14.76	14.74	14.70	0	0.0
	1	53	14.79	14.72	14.63		0.0
	1	104	14.89	14.66	14.57		0.0
	50	0	14.97	14.94	14.91	0-1	0.0
	50	28	15.02	14.97	14.85	0	0.0
	50	56	15.06	14.88	14.78	0-1	0.0
	100	0	14.97	14.92	14.89		0.0
DFT-s-OFDM 16QAM	1	1	15.08	15.10	15.11	0-1	0.0
CP-OFDM QPSK	1	1	14.81	14.80	14.80	0-1.5	0.0

Table H-191
NR Band n7 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth
NR Band n7
15 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.79	14.82	14.81	0	0.0
	1	40	14.81	14.82	14.79		0.0
	1	77	14.92	14.79	14.80		0.0
	36	0	14.88	14.89	14.89	0-0.5	0.0
	36	22	14.92	14.90	14.88	0	0.0
	36	43	14.98	14.83	14.80	0-0.5	0.0
	75	0	14.92	14.90	14.88		0.0
DFT-s-OFDM QPSK	1	1	14.69	14.68	14.70	0	0.0
	1	40	14.67	14.70	14.69		0.0
	1	77	14.78	14.67	14.74		0.0
	36	0	14.87	14.93	14.87	0-1	0.0
	36	22	14.89	14.86	14.87	0	0.0
	36	43	15.01	14.90	14.80	0-1	0.0
	75	0	14.97	14.94	14.89		0.0
DFT-s-OFDM 16QAM	1	1	14.98	15.09	15.07	0-1	0.0
CP-OFDM QPSK	1	1	14.79	14.80	14.81	0-1.5	0.0

Table H-192
NR Band n7 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth
NR Band n7
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.67	14.81	14.69	0	0.0
	1	26	14.80	14.86	14.78		0.0
	1	50	14.76	14.80	14.67		0.0
	25	0	14.68	14.87	14.76	0-0.5	0.0
	25	14	14.81	14.86	14.67	0	0.0
	25	27	14.79	14.83	14.75	0-0.5	0.0
	50	0	14.83	14.86	14.70		0.0
DFT-s-OFDM QPSK	1	1	14.48	14.70	14.56	0	0.0
	1	26	14.64	14.70	14.65		0.0
	1	50	14.63	14.67	14.54		0.0
	25	0	14.73	14.89	14.74	0-1	0.0
	25	14	14.83	14.84	14.67	0	0.0
	25	27	14.85	14.81	14.73	0-1	0.0
	50	0	14.82	14.83	14.68		0.0
DFT-s-OFDM 16QAM	1	1	14.81	15.12	14.94	0-1	0.0
CP-OFDM QPSK	1	1	14.59	14.75	14.65	0-1.5	0.0

Table H-193
NR Band n7 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 5 MHz Bandwidth
NR Band n7
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.69	14.79	14.71	0	0.0
	1	13	14.72	14.80	14.75		0.0
	1	23	14.73	14.77	14.71		0.0
	12	0	14.70	14.76	14.73	0-0.5	0.0
	12	7	14.76	14.84	14.78	0	0.0
	12	13	14.89	14.85	14.76	0-0.5	0.0
	25	0	14.74	14.82	14.74		0.0
DFT-s-OFDM QPSK	1	1	14.53	14.67	14.53	0	0.0
	1	13	14.59	14.68	14.55		0.0
	1	23	14.56	14.65	14.51		0.0
	12	0	14.71	14.81	14.71	0-1	0.0
	12	7	14.73	14.81	14.76	0	0.0
	12	13	14.87	14.89	14.81	0-1	0.0
	25	0	14.76	14.84	14.77		0.0
DFT-s-OFDM 16QAM	1	1	14.87	15.09	14.88	0-1	0.0
CP-OFDM QPSK	1	1	14.63	14.71	14.67	0-1.5	0.0

H.2.1 NR Band n41 Antenna F – Path 1

Table H-194

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.70	18.81	0	0.0
	1	123	18.63	18.56		0.0
	1	243	18.63	18.75		0.0
	120	0	18.62	18.76	0-0.5	0.0
	120	63	18.68	18.63	0	0.0
	120	125	18.61	18.61	0-0.5	0.0
	243	0	18.67	18.69		0.0
DFT-s-OFDM QPSK	1	1	18.66	18.77	0	0.0
	1	123	18.60	18.54		0.0
	1	243	18.62	18.71		0.0
	120	0	18.63	18.76	0-1	0.0
	120	63	18.63	18.61	0	0.0
	120	125	18.59	18.60	0-1	0.0
	243	0	18.68	18.69		0.0
DFT-s-OFDM 16QAM	1	1	18.64	18.87	0-1	0.0
CP-OFDM QPSK	1	1	18.54	18.75	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 194 of 321

Table H-195

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.70	18.78	0	0.0
	1	109	18.56	18.60		0.0
	1	215	18.64	18.73		0.0
	108	0	18.69	18.69	0-0.5	0.0
	108	55	18.60	18.65	0	0.0
	108	109	18.65	18.66	0-0.5	0.0
	216	0	18.63	18.69		0.0
DFT-s-OFDM QPSK	1	1	18.72	18.84	0	0.0
	1	109	18.62	18.64		0.0
	1	215	18.68	18.77		0.0
	108	0	18.71	18.71	0-1	0.0
	108	55	18.61	18.66	0	0.0
	108	109	18.67	18.65	0-1	0.0
	216	0	18.64	18.70		0.0
DFT-s-OFDM 16QAM	1	1	18.84	19.29	0-1	0.0
CP-OFDM QPSK	1	1	18.68	18.73	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 195 of 321

Table H-196

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.75	18.82	0	0.0
	1	95	18.66	18.60		0.0
	1	187	18.68	18.74		0.0
	90	0	18.78	18.68	0-0.5	0.0
	90	50	18.65	18.64	0	0.0
	90	99	18.70	18.68	0-0.5	0.0
	180	0	18.69	18.70		0.0
DFT-s-OFDM QPSK	1	1	18.80	18.79	0	0.0
	1	95	18.64	18.58		0.0
	1	187	18.69	18.67		0.0
	90	0	18.81	18.67	0-1	0.0
	90	50	18.67	18.65	0	0.0
	90	99	18.70	18.69	0-1	0.0
	180	0	18.72	18.69		0.0
DFT-s-OFDM 16QAM	1	1	18.75	18.72	0-1	0.0
CP-OFDM QPSK	1	1	18.78	19.01	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 196 of 321

Table H-197

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.94	19.00	18.81	0	0.0
	1	81	18.90	19.17	18.79		0.0
	1	160	18.79	19.03	18.83		0.0
	81	0	18.96	19.09	18.72	0-0.5	0.0
	81	41	18.87	19.14	18.79	0	0.0
	81	81	18.82	19.12	18.81	0-0.5	0.0
	162	0	18.90	19.13	18.80		0.0
DFT-s-OFDM QPSK	1	1	18.95	18.96	18.92	0	0.0
	1	81	18.91	19.15	18.88		0.0
	1	160	18.79	18.99	18.93		0.0
	81	0	18.92	19.08	18.73	0-1	0.0
	81	41	18.87	19.15	18.80	0	0.0
	81	81	18.83	19.10	18.78	0-1	0.0
	162	0	18.89	19.09	18.82		0.0
DFT-s-OFDM 16QAM	1	1	18.88	19.02	19.16	0-1	0.0
CP-OFDM QPSK	1	1	18.97	18.94	18.87	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 197 of 321

Table H-198

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.96	19.05	18.78	0	0.0
	1	67	18.95	19.16	18.86		0.0
	1	131	18.90	19.03	18.95		0.0
	64	0	18.87	19.10	18.70	0-0.5	0.0
	64	35	18.91	19.15	18.78	0	0.0
	64	69	18.86	19.14	18.78	0-0.5	0.0
	128	0	18.90	19.11	18.78		0.0
DFT-s-OFDM QPSK	1	1	19.00	19.00	18.77	0	0.0
	1	67	18.95	19.15	18.76		0.0
	1	131	18.88	19.02	18.96		0.0
	64	0	18.89	19.09	18.70	0-1	0.0
	64	35	18.90	19.15	18.78	0	0.0
	64	69	18.86	19.13	18.80	0-1	0.0
	128	0	18.89	19.13	18.80		0.0
DFT-s-OFDM 16QAM	1	1	18.70	19.10	18.62	0-1	0.0
CP-OFDM QPSK	1	1	18.94	19.06	18.70	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 198 of 321

Table H-199

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.04	19.08	19.13	18.80	0	0.0
	1	53	18.82	18.98	18.88	18.77		0.0
	1	104	18.94	19.21	18.89	19.02		0.0
	50	0	18.84	18.96	19.07	18.74	0-0.5	0.0
	50	28	18.83	19.01	18.94	18.81	0	0.0
	50	56	18.90	19.14	18.91	18.91	0-0.5	0.0
	100	0	18.81	19.02	18.98	18.86		0.0
DFT-s-OFDM QPSK	1	1	19.00	19.07	19.12	18.90	0	0.0
	1	53	18.72	18.97	18.91	18.85		0.0
	1	104	18.90	19.26	18.89	19.04		0.0
	50	0	18.88	19.01	19.09	18.74	0-1	0.0
	50	28	18.84	19.00	18.93	18.85	0	0.0
	50	56	18.92	19.14	18.94	18.88	0-1	0.0
	100	0	18.87	19.01	18.99	18.86		0.0
DFT-s-OFDM 16QAM	1	1	19.12	19.29	18.93	18.97	0-1	0.0
CP-OFDM QPSK	1	1	19.00	19.01	19.10	18.75	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 199 of 321

Table H-200

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.91	18.82	19.14	18.92	18.78	0	0.0
	1	39	18.85	18.83	19.13	18.81	18.82		0.0
	1	76	18.89	18.97	19.11	18.90	19.05		0.0
	36	0	18.86	18.75	19.03	18.90	18.79	0-0.5	0.0
	36	21	18.83	18.88	19.08	18.80	18.77	0	0.0
	36	42	18.86	18.90	19.08	18.79	18.84	0-0.5	0.0
	75	0	18.86	18.87	19.11	18.85	18.79		0.0
DFT-s-OFDM QPSK	1	1	19.02	18.82	19.11	18.89	18.73	0	0.0
	1	39	18.85	18.82	19.05	18.74	18.72		0.0
	1	76	18.95	18.94	19.07	18.83	18.95		0.0
	36	0	18.90	18.79	19.06	18.92	18.77	0-1	0.0
	36	21	18.85	18.89	19.08	18.77	18.79	0	0.0
	36	42	18.87	18.93	19.10	18.76	18.85	0-1	0.0
	75	0	18.85	18.86	19.12	18.82	18.79		0.0
DFT-s-OFDM 16QAM	1	1	18.59	18.87	18.94	19.19	18.51	0-1	0.0
CP-OFDM QPSK	1	1	19.00	18.69	19.08	19.01	18.82	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 200 of 321

Table H-201

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
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)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.01	18.79	19.14	18.86	18.79	0	0.0
	1	26	18.85	18.83	19.09	18.65	18.70		0.0
	1	49	18.85	18.86	19.13	18.76	18.84		0.0
	25	0	18.89	18.82	19.06	18.78	18.72	0-0.5	0.0
	25	13	18.88	18.78	19.14	18.68	18.71	0	0.0
	25	26	18.86	18.78	19.06	18.60	18.82	0-0.5	0.0
	50	0	18.88	18.78	19.10	18.69	18.72		0.0
DFT-s-OFDM QPSK	1	1	19.02	18.67	19.15	18.85	18.82	0	0.0
	1	26	18.94	18.68	19.11	18.67	18.67		0.0
	1	49	18.90	18.76	19.11	18.76	18.86		0.0
	25	0	18.93	18.81	19.07	18.74	18.83	0-1	0.0
	25	13	18.92	18.77	19.10	18.71	18.81	0	0.0
	25	26	18.88	18.76	19.06	18.61	18.86	0-1	0.0
	50	0	18.89	18.78	19.12	18.69	18.81		0.0
DFT-s-OFDM 16QAM	1	1	18.71	18.84	19.04	18.68	18.80	0-1	0.0
CP-OFDM QPSK	1	1	19.03	18.80	18.97	18.75	18.81	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 201 of 321

Table H-202

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.03	18.73	19.18	18.75	18.79	0	0.0
	1	19	18.87	18.72	19.16	18.61	18.72		0.0
	1	36	18.95	18.82	19.20	18.76	18.87		0.0
	18	0	18.98	18.80	19.09	18.77	18.79	0-0.5	0.0
	18	10	18.91	18.79	19.16	18.67	18.75	0	0.0
	18	20	18.89	18.81	19.11	18.67	18.87	0-0.5	0.0
	36	0	18.92	18.79	19.16	18.67	18.76		0.0
DFT-s-OFDM QPSK	1	1	19.06	18.75	19.16	18.77	18.85	0	0.0
	1	19	18.92	18.76	19.13	18.60	18.80		0.0
	1	36	18.92	18.84	19.16	18.69	18.90		0.0
	18	0	18.94	18.81	19.09	18.76	18.74	0-1	0.0
	18	10	18.91	18.78	19.11	18.66	18.72	0	0.0
	18	20	18.94	18.80	19.08	18.66	18.84	0-1	0.0
	36	0	18.92	18.83	19.18	18.68	18.75		0.0
DFT-s-OFDM 16QAM	1	1	19.11	18.82	19.05	19.31	19.09	0-1	0.0
CP-OFDM QPSK	1	1	18.99	18.94	19.13	18.69	18.72	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 202 of 321

Table H-203

NR Band n41 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.78	18.73	18.97	18.64	18.79	0	0.0
	1	12	18.76	18.75	18.95	18.69	18.81		0.0
	1	22	18.76	18.80	18.97	18.74	18.79		0.0
	12	0	18.77	18.68	18.94	18.62	18.80	0-0.5	0.0
	12	6	18.74	18.72	18.97	18.57	18.81	0	0.0
	12	12	18.76	18.76	18.94	18.69	18.77	0-0.5	0.0
	24	0	18.74	18.70	18.98	18.59	18.82		0.0
DFT-s-OFDM QPSK	1	1	18.76	18.68	19.05	18.68	18.90	0	0.0
	1	12	18.75	18.71	19.01	18.75	18.89		0.0
	1	22	18.71	18.83	19.02	18.71	18.90		0.0
	12	0	18.77	18.69	18.95	18.62	18.79	0-1	0.0
	12	6	18.74	18.70	18.96	18.61	18.82	0	0.0
	12	12	18.75	18.70	18.93	18.72	18.79	0-1	0.0
	24	0	18.73	18.71	18.94	18.61	18.79		0.0
DFT-s-OFDM 16QAM	1	1	18.74	18.85	19.00	18.69	18.60	0-1	0.0
CP-OFDM QPSK	1	1	18.65	18.65	19.02	18.62	18.82	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 203 of 321

Table H-204
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth
NR Band n41
90 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.67	15.85	0	0.0
	1	123	15.60	15.67		0.0
	1	243	15.70	15.86		0.0
	120	0	15.67	15.79	0-0.5	0.0
	120	63	15.70	15.65	0	0.0
	120	125	15.67	15.69	0-0.5	0.0
	243	0	15.73	15.76		0.0
DFT-s-OFDM QPSK	1	1	15.82	15.82	0	0.0
	1	123	15.81	15.59		0.0
	1	243	15.80	15.70		0.0
	120	0	15.67	15.79	0-1	0.0
	120	63	15.70	15.68	0	0.0
	120	125	15.63	15.65	0-1	0.0
	243	0	15.70	15.75		0.0
DFT-s-OFDM 16QAM	1	1	15.71	15.81	0-1	0.0
CP-OFDM QPSK	1	1	15.71	15.76	0-1.5	0.0

Table H-205
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth
NR Band n41
80 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.69	15.74	0	0.0
	1	109	15.58	15.59		0.0
	1	215	15.62	15.70		0.0
	108	0	15.74	15.72	0-0.5	0.0
	108	55	15.59	15.63	0	0.0
	108	109	15.69	15.67	0-0.5	0.0
	216	0	15.66	15.71		0.0
DFT-s-OFDM QPSK	1	1	15.72	15.90	0	0.0
	1	109	15.59	15.66		0.0
	1	215	15.65	15.72		0.0
	108	0	15.72	15.72	0-1	0.0
	108	55	15.65	15.64	0	0.0
	108	109	15.70	15.65	0-1	0.0
	216	0	15.68	15.68		0.0
DFT-s-OFDM 16QAM	1	1	15.76	15.68	0-1	0.0
CP-OFDM QPSK	1	1	15.64	15.74	0-1.5	0.0

Table H-206
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth
NR Band n41
70 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.79	15.82	0	0.0
	1	95	15.64	15.65		0.0
	1	187	15.62	15.74		0.0
	90	0	15.73	15.66	0-0.5	0.0
	90	50	15.60	15.58	0	0.0
	90	99	15.66	15.67	0-0.5	0.0
	180	0	15.65	15.65		0.0
DFT-s-OFDM QPSK	1	1	15.77	15.85	0	0.0
	1	95	15.57	15.63		0.0
	1	187	15.63	15.78		0.0
	90	0	15.74	15.62	0-1	0.0
	90	50	15.63	15.58	0	0.0
	90	99	15.68	15.64	0-1	0.0
	180	0	15.64	15.63		0.0
DFT-s-OFDM 16QAM	1	1	15.77	15.94	0-1	0.0
CP-OFDM QPSK	1	1	15.83	15.85	0-1.5	0.0

Table H-207
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth
NR Band n41
60 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.01	16.01	15.77	0	0.0
	1	81	15.98	16.19	15.74		0.0
	1	160	15.85	16.03	15.78		0.0
	81	0	15.90	16.09	15.69	0-0.5	0.0
	81	41	15.86	16.10	15.76	0	0.0
	81	81	15.84	16.10	15.80	0-0.5	0.0
	162	0	15.89	16.07	15.81		0.0
DFT-s-OFDM QPSK	1	1	15.91	15.89	15.93	0	0.0
	1	81	15.87	16.13	15.96		0.0
	1	160	15.76	15.95	15.94		0.0
	81	0	15.93	16.08	15.70	0-1	0.0
	81	41	15.86	16.10	15.75	0	0.0
	81	81	15.80	16.07	15.78	0-1	0.0
	162	0	15.84	16.06	15.81		0.0
DFT-s-OFDM 16QAM	1	1	15.98	16.08	15.68	0-1	0.0
CP-OFDM QPSK	1	1	15.97	15.98	15.88	0-1.5	0.0

Table H-208
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth
NR Band n41
50 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.91	16.05	15.72	0	0.0
	1	67	15.89	16.23	15.78		0.0
	1	131	15.88	16.01	15.89		0.0
	64	0	15.86	16.09	15.66	0-0.5	0.0
	64	35	15.85	16.13	15.78	0	0.0
	64	69	15.79	16.11	15.76	0-0.5	0.0
	128	0	15.88	16.12	15.76		0.0
DFT-s-OFDM QPSK	1	1	16.00	16.08	15.71	0	0.0
	1	67	15.84	16.17	15.76		0.0
	1	131	15.82	15.96	15.82		0.0
	64	0	15.85	16.09	15.66	0-1	0.0
	64	35	15.86	16.14	15.74	0	0.0
	64	69	15.83	16.10	15.79	0-1	0.0
	128	0	15.86	16.12	15.75		0.0
DFT-s-OFDM 16QAM	1	1	15.83	16.09	15.67	0-1	0.0
CP-OFDM QPSK	1	1	16.03	16.06	15.66	0-1.5	0.0

Table H-209
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	16.09	16.19	16.22	15.82	0	0.0
	1	53	15.87	16.11	15.98	15.84		0.0
	1	104	15.98	16.29	15.97	16.10		0.0
	50	0	15.91	16.08	16.09	15.78	0-0.5	0.0
	50	28	15.84	16.06	15.94	15.84	0	0.0
	50	56	15.90	16.24	15.96	15.90	0-0.5	0.0
	100	0	15.90	16.09	15.99	15.90		0.0
DFT-s-OFDM QPSK	1	1	16.16	16.25	16.24	15.90	0	0.0
	1	53	15.88	16.16	15.99	15.90		0.0
	1	104	15.98	16.40	15.98	16.14		0.0
	50	0	15.89	16.06	16.16	15.77	0-1	0.0
	50	28	15.84	16.05	15.98	15.85	0	0.0
	50	56	15.94	16.23	15.98	15.93	0-1	0.0
	100	0	15.88	16.04	16.00	15.90		0.0
DFT-s-OFDM 16QAM	1	1	16.12	16.41	16.26	16.12	0-1	0.0
CP-OFDM QPSK	1	1	16.17	16.13	16.14	15.81	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 209 of 321

Table H-210
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	16.03	15.86	15.99	15.95	15.83	0	0.0
	1	39	15.84	15.85	16.03	15.81	15.87		0.0
	1	76	15.89	16.00	15.97	15.91	16.09		0.0
	36	0	15.91	15.81	15.90	15.94	15.87	0-0.5	0.0
	36	21	15.89	15.86	15.99	15.87	15.86	0	0.0
	36	42	15.86	15.95	15.94	15.85	15.91	0-0.5	0.0
	75	0	15.90	15.90	16.00	15.90	15.89		0.0
DFT-s-OFDM QPSK	1	1	16.03	15.88	16.01	15.99	15.82	0	0.0
	1	39	15.92	15.88	16.02	15.89	15.86		0.0
	1	76	15.96	16.03	15.93	15.95	16.08		0.0
	36	0	15.91	15.80	15.96	15.94	15.89	0-1	0.0
	36	21	15.87	15.89	15.97	15.88	15.83	0	0.0
	36	42	15.90	15.96	16.01	15.81	15.90	0-1	0.0
	75	0	15.89	15.92	16.00	15.89	15.89		0.0
DFT-s-OFDM 16QAM	1	1	16.01	15.97	16.07	15.89	15.56	0-1	0.0
CP-OFDM QPSK	1	1	15.99	15.79	15.96	15.96	15.92	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 210 of 321

Table H-211
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
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)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.09	15.79	15.96	15.90	15.90	0	0.0
	1	26	15.97	15.82	15.98	15.72	15.78		0.0
	1	49	15.92	15.95	15.97	15.80	15.91		0.0
	25	0	15.96	15.87	15.92	15.83	15.84	0-0.5	0.0
	25	13	15.92	15.84	15.99	15.76	15.86	0	0.0
	25	26	15.91	15.85	15.93	15.71	15.94	0-0.5	0.0
	50	0	15.93	15.86	16.03	15.76	15.86		0.0
DFT-s-OFDM QPSK	1	1	16.04	15.84	15.96	15.95	15.88	0	0.0
	1	26	15.91	15.88	15.98	15.71	15.74		0.0
	1	49	15.86	15.96	15.93	15.80	15.85		0.0
	25	0	16.01	15.82	15.92	15.85	15.83	0-1	0.0
	25	13	15.95	15.84	15.98	15.78	15.82	0	0.0
	25	26	15.89	15.79	15.96	15.73	15.94	0-1	0.0
	50	0	15.93	15.83	15.91	15.78	15.86		0.0
DFT-s-OFDM 16QAM	1	1	16.17	15.96	15.87	15.82	15.89	0-1	0.0
CP-OFDM QPSK	1	1	15.96	15.67	15.77	15.94	15.87	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 211 of 321

Table H-212
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.00	16.02	15.89	15.77	15.82	0	0.0
	1	19	15.83	16.03	15.88	15.65	15.75		0.0
	1	36	15.89	16.07	15.85	15.74	15.92		0.0
	18	0	15.98	16.07	15.95	15.77	15.81	0-0.5	0.0
	18	10	15.93	16.00	15.98	15.70	15.78	0	0.0
	18	20	15.97	16.02	15.92	15.66	15.86	0-0.5	0.0
	36	0	15.96	16.02	15.99	15.71	15.79		0.0
DFT-s-OFDM QPSK	1	1	16.07	15.96	16.07	15.82	15.83	0	0.0
	1	19	15.91	15.96	16.00	15.63	15.69		0.0
	1	36	15.91	16.07	15.89	15.75	15.88		0.0
	18	0	16.02	16.09	15.82	15.77	15.79	0-1	0.0
	18	10	15.96	15.97	15.85	15.72	15.77	0	0.0
	18	20	15.94	16.00	15.87	15.69	15.89	0-1	0.0
	36	0	15.99	15.99	15.88	15.71	15.79		0.0
DFT-s-OFDM 16QAM	1	1	16.12	15.97	15.78	15.94	16.10	0-1	0.0
CP-OFDM QPSK	1	1	15.94	15.73	15.87	15.75	15.71	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 212 of 321

Table H-213
NR Band n41 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.74	15.90	15.86	15.82	15.78	0	0.0
	1	12	15.74	15.90	15.84	15.83	15.82		0.0
	1	22	15.74	16.00	15.83	15.79	15.81		0.0
	12	0	15.73	15.86	15.75	15.70	15.73	0-0.5	0.0
	12	6	15.73	15.91	15.77	15.70	15.78	0	0.0
	12	12	15.72	15.90	15.74	15.77	15.78	0-0.5	0.0
	24	0	15.74	15.86	15.78	15.68	15.76		0.0
DFT-s-OFDM QPSK	1	1	15.78	15.90	15.84	15.77	15.80	0	0.0
	1	12	15.77	15.85	15.85	15.81	15.83		0.0
	1	22	15.72	15.97	15.83	15.75	15.84		0.0
	12	0	15.74	15.89	15.78	15.70	15.75	0-1	0.0
	12	6	15.73	15.90	15.79	15.71	15.69	0	0.0
	12	12	15.74	15.92	15.77	15.80	15.69	0-1	0.0
	24	0	15.73	15.88	15.80	15.67	15.66		0.0
DFT-s-OFDM 16QAM	1	1	15.65	15.94	15.86	15.79	15.62	0-1	0.0
CP-OFDM QPSK	1	1	15.84	15.88	15.77	15.72	15.61	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 213 of 321

H.2.1 NR Band n41 Antenna B, E, D – Path 1

Table H-214
NR Band n41 Antenna B, D 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	18.54	18.78
SRS #4 Ant D	15.71	16.08

Table H-215
NR Band n41 Antenna B, D 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	18.42	18.76
SRS #4 Ant D	15.75	16.10

Table H-216
NR Band n41 Antenna B, D 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	18.63	18.96
SRS #4 Ant D	15.77	16.24

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 214 of 321

Table H-217
NR Band n41 Antenna B, D 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]		
; #2 Ant B	18.74	18.82	18.81
; #4 Ant D	15.72	16.13	16.03

Table H-218
NR Band n41 Antenna B, D 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	18.71	18.95	18.46
SRS #4 Ant D	15.67	16.11	16.00

Table H-219
NR Band n41 Antenna B, D 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	18.71	18.88	18.97	18.90
SRS #4 Ant D	15.58	15.61	15.70	15.84

Table H-220
NR Band n41 Antenna B, D 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	18.78	18.61	18.98	18.92	18.93
SRS #4 Ant D	15.54	15.76	15.81	15.74	15.76

Table H-221
NR Band n41 Antenna B, D 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	18.72	18.74	18.90	18.79	18.71
SRS #4 Ant D	15.46	15.58	16.05	15.98	15.69

Table H-222
NR Band n41 Antenna B, D Measured P_{Limit} for all DSI - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Modulation	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	18.66	18.76	18.90	18.79	18.71
SRS #4 Ant D	15.64	15.82	16.16	16.01	15.79

Table H-223
NR Band n41 Antenna B, D Measured P_{Limit} for all DSI - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Modulation	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	18.23	18.68	18.87	18.80	18.64
SRS #4 Ant D	15.58	15.81	16.23	15.88	15.70

Table H-224
NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Modulation	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #3 Ant E	17.50	17.72

Table H-225
NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Modulation	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #3 Ant E	17.41	17.77

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 217 of 321

Table H-226

NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
	Channel	
Modulation	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #3 Ant E	17.50	17.88

Table H-227

NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 #3 Ant E	17.64	17.94	18.02

Table H-228

NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 #3 Ant E	17.64	17.99	18.04

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 218 of 321

Table H-229

NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 #3 Ant E	17.63	17.92	17.93	18.17

Table H-230

NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 #3 Ant E	17.81	17.79	18.05	17.91	18.16

Table H-231

NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 #3 Ant E	17.84	17.75	18.11	17.89	18.14

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 219 of 321

Table H-232

NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) – 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Modulation	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #3 Ant E	17.87	17.75	18.10	17.90	18.16

Table H-233

NR Band n41 Antenna E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Modulation	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #3 Ant E	17.69	17.65	17.94	17.91	18.17

Table H-234

NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Modulation	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #3 Ant E	15.10	15.35

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 220 of 321

Table H-235
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Modulation	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #3 Ant E	15.00	15.38

Table H-236
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Modulation	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #3 Ant E	15.03	15.38

Table H-237
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 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 #3 Ant E	15.11	15.43	15.46

Table H-238
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 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 #3 Ant E	15.20	15.54	15.53

Table H-239
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 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 #3 Ant E	15.17	15.46	15.45	15.70

Table H-240
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 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 #3 Ant E	15.20	15.30	15.57	15.43	15.68

Table H-241
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 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 #3 Ant E	15.21	15.15	15.55	15.30	15.57

Table H-242
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Modulation	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #3 Ant E	15.25	15.15	15.55	15.30	15.68

Table H-243
NR Band n41 Antenna E Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Modulation	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #3 Ant E	15.08	15.05	15.38	15.31	15.58

H.2.2 NR Band n41 Antenna B – Path 2

Table H-244

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.68	19.72	0	0.0
	1	123	19.51	19.50		0.0
	1	243	19.64	19.78		0.0
	120	0	19.63	19.62	0-0.5	0.0
	120	63	19.49	19.53	0	0.0
	120	125	19.58	19.55	0-0.5	0.0
	243	0	19.52	19.58		0.0
DFT-s-OFDM QPSK	1	1	19.72	19.77	0	0.0
	1	123	19.50	19.54		0.0
	1	243	19.65	19.76		0.0
	120	0	19.60	19.59	0-1	0.0
	120	63	19.50	19.51	0	0.0
	120	125	19.58	19.56	0-1	0.0
	243	0	19.51	19.61		0.0
DFT-s-OFDM 16QAM	1	1	19.84	19.61	0-1	0.0
CP-OFDM QPSK	1	1	19.73	19.71	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 224 of 321

Table H-245

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.72	19.60	0	0.0
	1	109	19.47	19.48		0.0
	1	215	19.60	19.68		0.0
	108	0	19.68	19.54	0-0.5	0.0
	108	55	19.52	19.53	0	0.0
	108	109	19.57	19.53	0-0.5	0.0
	216	0	19.57	19.52		0.0
DFT-s-OFDM QPSK	1	1	19.64	19.55	0	0.0
	1	109	19.44	19.42		0.0
	1	215	19.60	19.63		0.0
	108	0	19.65	19.50	0-1	0.0
	108	55	19.53	19.49	0	0.0
	108	109	19.57	19.51	0-1	0.0
	216	0	19.55	19.53		0.0
DFT-s-OFDM 16QAM	1	1	19.86	19.96	0-1	0.0
CP-OFDM QPSK	1	1	19.77	19.50	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 225 of 321

Table H-246

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.77	19.64	0	0.0
	1	95	19.54	19.58		0.0
	1	187	19.59	19.67		0.0
	90	0	19.56	19.57	0-0.5	0.0
	90	50	19.51	19.55	0	0.0
	90	99	19.55	19.66	0-0.5	0.0
	180	0	19.54	19.51		0.0
DFT-s-OFDM QPSK	1	1	19.71	19.59	0	0.0
	1	95	19.49	19.49		0.0
	1	187	19.53	19.58		0.0
	90	0	19.57	19.56	0-1	0.0
	90	50	19.53	19.56	0	0.0
	90	99	19.56	19.64	0-1	0.0
	180	0	19.55	19.54		0.0
DFT-s-OFDM 16QAM	1	1	19.89	19.86	0-1	0.0
CP-OFDM QPSK	1	1	19.57	19.63	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 226 of 321

Table H-247

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.84	19.67	19.67	0	0.0
	1	81	19.71	19.89	19.65		0.0
	1	160	19.62	19.82	19.71		0.0
	81	0	19.77	19.82	19.55	0-0.5	0.0
	81	41	19.76	19.89	19.62	0	0.0
	81	81	19.69	19.92	19.75	0-0.5	0.0
	162	0	19.76	19.84	19.69		0.0
DFT-s-OFDM QPSK	1	1	19.90	19.66	19.66	0	0.0
	1	81	19.80	19.93	19.64		0.0
	1	160	19.71	19.79	19.75		0.0
	81	0	19.75	19.80	19.57	0-1	0.0
	81	41	19.73	19.88	19.63	0	0.0
	81	81	19.68	19.88	19.72	0-1	0.0
	162	0	19.79	19.84	19.68		0.0
DFT-s-OFDM 16QAM	1	1	19.78	19.69	19.40	0-1	0.0
CP-OFDM QPSK	1	1	19.95	19.72	19.57	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 227 of 321

Table H-248

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.90	19.79	19.57	0	0.0
	1	67	19.80	19.91	19.66		0.0
	1	131	19.74	19.84	19.80		0.0
	64	0	19.77	19.80	19.54	0-0.5	0.0
	64	35	19.79	19.87	19.66	0	0.0
	64	69	19.71	19.92	19.76	0-0.5	0.0
	128	0	19.79	19.85	19.64		0.0
DFT-s-OFDM QPSK	1	1	19.94	19.75	19.61	0	0.0
	1	67	19.88	19.81	19.77		0.0
	1	131	19.74	19.77	19.86		0.0
	64	0	19.81	19.83	19.55	0-1	0.0
	64	35	19.80	19.88	19.66	0	0.0
	64	69	19.73	19.91	19.78	0-1	0.0
	128	0	19.82	19.85	19.64		0.0
DFT-s-OFDM 16QAM	1	1	20.10	19.61	19.53	0-1	0.0
CP-OFDM QPSK	1	1	20.06	19.77	19.59	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 228 of 321

Table H-249

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.97	19.74	19.93	19.73	0	0.0
	1	53	19.71	19.72	19.74	19.73		0.0
	1	104	19.82	19.98	19.76	19.97		0.0
	50	0	19.79	19.69	19.89	19.67	0-0.5	0.0
	50	28	19.70	19.77	19.77	19.78	0	0.0
	50	56	19.71	19.95	19.83	19.94	0-0.5	0.0
	100	0	19.77	19.78	19.78	19.80		0.0
DFT-s-OFDM QPSK	1	1	20.03	19.81	19.94	19.76	0	0.0
	1	53	19.77	19.74	19.80	19.78		0.0
	1	104	19.88	20.01	19.83	20.05		0.0
	50	0	19.84	19.70	19.87	19.67	0-1	0.0
	50	28	19.75	19.76	19.79	19.78	0	0.0
	50	56	19.72	19.94	19.81	19.98	0-1	0.0
	100	0	19.80	19.75	19.82	19.82		0.0
DFT-s-OFDM 16QAM	1	1	19.80	19.76	20.04	19.84	0-1	0.0
CP-OFDM QPSK	1	1	20.07	19.77	20.08	19.71	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 229 of 321

Table H-250

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n41									
30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	20.00	19.77	19.65	19.78	19.79	0	0.0
	1	39	19.82	19.74	19.67	19.62	19.78		0.0
	1	76	19.77	19.90	19.70	19.80	20.04		0.0
	36	0	19.91	19.71	19.56	19.79	19.77	0-0.5	0.0
	36	21	19.82	19.74	19.68	19.65	19.84	0	0.0
	36	42	19.82	19.82	19.68	19.66	19.98	0-0.5	0.0
	75	0	19.88	19.73	19.71	19.70	19.80		0.0
DFT-s-OFDM QPSK	1	1	20.04	19.75	19.61	19.77	19.82	0	0.0
	1	39	19.81	19.70	19.68	19.61	19.76		0.0
	1	76	19.80	19.87	19.71	19.78	19.98		0.0
	36	0	19.93	19.72	19.59	19.80	19.77	0-1	0.0
	36	21	19.85	19.73	19.64	19.71	19.81	0	0.0
	36	42	19.83	19.78	19.69	19.70	19.97	0-1	0.0
	75	0	19.90	19.75	19.70	19.72	19.86		0.0
DFT-s-OFDM 16QAM	1	1	20.26	19.53	19.64	19.84	19.86	0-1	0.0
CP-OFDM QPSK	1	1	20.20	19.68	19.54	19.84	19.79	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 230 of 321

Table H-251

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
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)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.00	19.74	19.58	19.75	19.73	0	0.0
	1	26	19.83	19.65	19.56	19.58	19.78		0.0
	1	49	19.83	19.85	19.60	19.70	19.86		0.0
	25	0	19.99	19.64	19.61	19.68	19.76	0-0.5	0.0
	25	13	19.92	19.67	19.66	19.60	19.86	0	0.0
	25	26	19.90	19.68	19.64	19.57	19.86	0-0.5	0.0
	50	0	19.91	19.68	19.66	19.61	19.83		0.0
DFT-s-OFDM QPSK	1	1	20.09	19.71	19.58	19.74	19.73	0	0.0
	1	26	19.87	19.57	19.59	19.53	19.79		0.0
	1	49	19.82	19.80	19.62	19.67	19.82		0.0
	25	0	20.01	19.64	19.60	19.65	19.79	0-1	0.0
	25	13	19.91	19.67	19.69	19.63	19.86	0	0.0
	25	26	19.89	19.64	19.63	19.55	19.84	0-1	0.0
	50	0	19.95	19.64	19.69	19.64	19.88		0.0
DFT-s-OFDM 16QAM	1	1	19.99	19.91	19.47	19.90	19.83	0-1	0.0
CP-OFDM QPSK	1	1	20.20	19.71	19.61	19.68	19.74	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 231 of 321

Table H-252

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.97	19.75	19.61	19.69	19.84	0	0.0
	1	19	19.86	19.60	19.59	19.51	19.77		0.0
	1	36	19.85	19.80	19.66	19.66	19.87		0.0
	18	0	19.94	19.70	19.62	19.64	19.84	0-0.5	0.0
	18	10	19.85	19.63	19.67	19.61	19.83	0	0.0
	18	20	19.87	19.65	19.63	19.67	19.85	0-0.5	0.0
	36	0	19.91	19.71	19.68	19.62	19.82		0.0
DFT-s-OFDM QPSK	1	1	20.03	19.71	19.67	19.77	20.06	0	0.0
	1	19	19.91	19.59	19.61	19.57	20.00		0.0
	1	36	19.87	19.77	19.66	19.70	20.01		0.0
	18	0	19.95	19.63	19.59	19.64	19.84	0-1	0.0
	18	10	19.80	19.60	19.68	19.55	19.81	0	0.0
	18	20	19.91	19.62	19.65	19.64	19.82	0-1	0.0
	36	0	19.94	19.62	19.68	19.63	19.84		0.0
DFT-s-OFDM 16QAM	1	1	20.06	19.44	19.35	19.95	20.07	0-1	0.0
CP-OFDM QPSK	1	1	19.98	19.77	19.62	19.70	19.90	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 232 of 321

Table H-253

NR Band n41 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Head), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.73	19.53	19.58	19.72	19.70	0	0.0
	1	12	19.76	19.52	19.59	19.60	19.76		0.0
	1	22	19.72	19.70	19.55	19.57	19.79		0.0
	12	0	19.77	19.51	19.53	19.58	19.74	0-0.5	0.0
	12	6	19.79	19.56	19.53	19.58	19.72	0	0.0
	12	12	19.74	19.55	19.52	19.61	19.73	0-0.5	0.0
	24	0	19.77	19.52	19.48	19.55	19.73		0.0
DFT-s-OFDM QPSK	1	1	19.79	19.56	19.47	19.69	19.68	0	0.0
	1	12	19.82	19.54	19.43	19.55	19.73		0.0
	1	22	19.69	19.68	19.43	19.57	19.72		0.0
	12	0	19.78	19.49	19.50	19.57	19.73	0-1	0.0
	12	6	19.79	19.51	19.49	19.55	19.77	0	0.0
	12	12	19.79	19.49	19.48	19.53	19.78	0-1	0.0
	24	0	19.78	19.54	19.48	19.53	19.74		0.0
DFT-s-OFDM 16QAM	1	1	20.22	19.55	19.03	19.78	19.63	0-1	0.0
CP-OFDM QPSK	1	1	19.86	19.48	19.54	19.67	19.69	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 233 of 321

H.2.3 NR Band n41 Antenna F, D, E – Path 2

Table H-254

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Modulation	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant F	16.41	16.96
SRS #4 Ant E	15.47	15.80

Table H-255

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 F	16.42	16.95
SRS #4 Ant E	15.45	15.82

Table H-256

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Modulation	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant F	16.37	17.01
SRS #4 Ant E	15.45	15.85

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 234 of 321

Table H-257

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 F	16.58	17.19	17.07
SRS #4 Ant E	15.61	15.90	15.93

Table H-258

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 F	16.71	17.33	17.18
SRS #4 Ant E	15.76	15.68	15.64

Table H-259

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 F	16.70	17.06	17.15	17.30
SRS #4 Ant E	15.70	15.79	15.89	15.75

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 235 of 321

Table H-260

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 F	16.73	16.84	17.36	17.14	17.29
SRS #4 Ant E	15.71	15.74	15.87	15.97	15.46

Table H-261

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 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 F	16.74	16.79	17.39	17.04	17.23
SRS #4 Ant E	15.77	15.63	15.94	15.78	15.67

Table H-262

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Modulation	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant F	16.82	16.82	17.37	17.03	17.26
SRS #4 Ant E	15.74	15.63	15.96	15.78	15.83

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 236 of 321

Table H-263

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Modulation	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant F	16.61	16.56	17.21	17.04	17.12
SRS #4 Ant E	15.64	15.55	15.75	15.77	15.63

Table H-264

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Modulation	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant F	12.76	13.18
SRS #4 Ant E	13.01	13.29

Table H-265

NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 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 F	12.81	13.21
SRS #4 Ant E	12.99	13.31

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 237 of 321

Table H-266
NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
	Channel	
Modulation	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant F	12.79	13.29
SRS #4 Ant E	12.99	13.43

Table H-267
NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 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 F	12.94	13.60	13.31
SRS #4 Ant E	13.10	13.40	13.45

Table H-268
NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 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 F	13.04	13.67	13.45
SRS #4 Ant E	13.26	13.50	13.50

Table H-269
NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 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 F	13.07	13.58	13.61	13.64
SRS #4 Ant E	13.18	13.31	13.37	13.62

Table H-270
NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 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 F	13.10	13.24	13.78	13.54	13.59
SRS #4 Ant E	13.28	13.33	13.59	13.44	13.68

Table H-271
NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 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 F	13.16	13.22	13.81	13.43	13.58
SRS #4 Ant E	13.34	13.22	13.57	13.34	13.73

Table H-272
NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Modulation	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant F	13.16	13.25	13.80	13.44	13.58
SRS #4 Ant E	13.40	13.21	13.50	13.31	13.66

Table H-273
NR Band n41 Antenna F, E Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Modulation	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant F	13.19	13.17	13.65	13.44	13.50
SRS #4 Ant E	13.21	13.09	13.38	13.33	13.56

Table H-274
NR Band n41 Antenna D 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 #3 Ant D	16.49	16.58

Table H-275
NR Band n41 Antenna D 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 #3 Ant D	16.47	16.56

Table H-276
NR Band n41 Antenna D 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 #3 Ant D	16.43	16.66

Table H-277
NR Band n41 Antenna D 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 #3 Ant D	16.59	16.77	16.68

Table H-278
NR Band n41 Antenna D 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 #3 Ant D	16.74	16.89	16.76

Table H-279
NR Band n41 Antenna D 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 #3 Ant D	16.72	16.78	16.83	16.91

Table H-280
NR Band n41 Antenna D 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 #3 Ant D	16.78	16.68	16.93	16.72	16.89

Table H-281
NR Band n41 Antenna D 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 #3 Ant D	16.81	16.52	16.90	16.60	16.85

Table H-282
NR Band n41 Antenna D Measured P_{Limit} for all DSI - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Modulation	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #3 Ant D	16.86	16.53	16.90	16.60	16.88

Table H-283
NR Band n41 Antenna D Measured P_{Limit} for all DSI - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Modulation	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #3 Ant D	16.71	16.47	16.76	16.60	16.76

H.2.4 NR Band n48 Antenna F

Table H-284

NR Band n48 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.39	18.64	18.49	18.78	0	0.0
	1	39	18.34	18.74	18.56	18.64		0.0
	1	76	18.36	18.90	18.54	18.49		0.0
	36	0	18.28	18.60	18.48	18.73	0-0.5	0.0
	36	21	18.19	18.61	18.51	18.67	0	0.0
	36	42	18.25	18.76	18.52	18.50	0-0.5	0.0
	75	0	18.22	18.70	18.53	18.66		0.0
DFT-s-OFDM QPSK	1	1	18.34	18.75	18.56	18.86	0	0.0
	1	39	18.24	18.78	18.53	18.78		0.0
	1	76	18.41	18.99	18.56	18.57		0.0
	36	0	18.24	18.69	18.50	18.76	0-1	0.0
	36	21	18.25	18.57	18.52	18.66	0	0.0
	36	42	18.24	18.74	18.53	18.50	0-1	0.0
	75	0	18.24	18.76	18.50	18.67		0.0
DFT-s-OFDM 16QAM	1	1	18.26	18.75	18.51	18.78	0-1	0.0
CP-OFDM QPSK	1	1	18.28	18.71	18.56	18.67	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 244 of 321

Table H-285

NR Band n48 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.34	18.67	18.50	18.42	0	0.0
	1	26	18.00	18.69	18.50	18.24		0.0
	1	49	18.13	18.73	18.52	18.45		0.0
	25	0	18.14	18.50	18.55	18.28	0-0.5	0.0
	25	13	18.11	18.61	18.57	18.16	0	0.0
	25	26	18.11	18.67	18.66	18.30	0-0.5	0.0
	50	0	18.15	18.51	18.50	18.27		0.0
DFT-s-OFDM QPSK	1	1	18.37	18.69	18.53	18.55	0	0.0
	1	26	18.03	18.65	18.42	18.31		0.0
	1	49	18.11	18.83	18.45	18.39		0.0
	25	0	18.17	18.48	18.45	18.31	0-1	0.0
	25	13	18.11	18.58	18.56	18.21	0	0.0
	25	26	18.13	18.67	18.61	18.29	0-1	0.0
	50	0	18.12	18.50	18.58	18.24		0.0
DFT-s-OFDM 16QAM	1	1	18.11	18.44	18.42	18.38	0-1	0.0
CP-OFDM QPSK	1	1	18.22	18.50	18.39	18.53	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 245 of 321

Table H-286

NR Band n48 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.26	18.51	18.30	18.38	0	0.0
	1	19	18.10	18.53	18.39	18.48		0.0
	1	36	18.14	18.57	18.55	18.52		0.0
	18	0	18.06	18.38	18.34	18.39	0-0.5	0.0
	18	10	18.08	18.43	18.40	18.45	0	0.0
	18	20	17.98	18.53	18.44	18.39	0-0.5	0.0
	36	0	18.00	18.44	18.38	18.42		0.0
DFT-s-OFDM QPSK	1	1	18.09	18.31	18.33	18.43	0	0.0
	1	19	18.00	18.44	18.42	18.45		0.0
	1	36	18.12	18.52	18.49	18.50		0.0
	18	0	18.05	18.38	18.35	18.33	0-1	0.0
	18	10	17.94	18.46	18.44	18.38	0	0.0
	18	20	17.97	18.51	18.44	18.43	0-1	0.0
	36	0	18.03	18.46	18.38	18.42		0.0
DFT-s-OFDM 16QAM	1	1	18.42	18.56	18.22	18.32	0-1	0.0
CP-OFDM QPSK	1	1	18.29	18.44	18.28	18.44	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 246 of 321

Table H-287

NR Band n48 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.24	18.31	18.25	18.41	0	0.0
	1	12	18.04	18.48	18.29	18.29		0.0
	1	22	18.23	18.56	18.07	18.50		0.0
	12	0	18.09	18.35	18.03	18.47	0-0.5	0.0
	12	6	18.02	18.39	18.04	18.35	0	0.0
	12	12	17.95	18.44	18.03	18.25	0-0.5	0.0
	24	0	18.03	18.39	18.06	18.37		0.0
DFT-s-OFDM QPSK	1	1	18.17	18.40	18.22	18.47	0	0.0
	1	12	18.00	18.54	18.27	18.39		0.0
	1	22	18.16	18.58	18.08	18.54		0.0
	12	0	18.06	18.37	18.03	18.40	0-1	0.0
	12	6	18.02	18.44	18.07	18.32	0	0.0
	12	12	17.98	18.46	18.03	18.29	0-1	0.0
	24	0	18.02	18.39	18.01	18.31		0.0
DFT-s-OFDM 16QAM	1	1	18.09	18.32	18.24	18.25	0-1	0.0
CP-OFDM QPSK	1	1	18.14	18.27	18.18	18.31	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 247 of 321

Table H-288
NR Band n48 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	15.88	16.20	16.42	16.29	0	0.0
	1	39	15.95	16.18	16.24	16.24		0.0
	1	76	15.99	16.17	16.19	16.18		0.0
	36	0	16.24	16.21	16.37	16.23	0-0.5	0.0
	36	21	16.25	16.16	16.27	16.24	0	0.0
	36	42	16.25	16.16	16.19	16.17	0-0.5	0.0
	75	0	16.21	16.21	16.27	16.21		0.0
DFT-s-OFDM QPSK	1	1	16.22	16.37	16.43	16.31	0	0.0
	1	39	16.25	16.26	16.29	16.25		0.0
	1	76	16.31	16.29	16.20	16.19		0.0
	36	0	16.24	16.24	16.40	16.27	0-1	0.0
	36	21	16.21	16.22	16.27	16.21	0	0.0
	36	42	16.23	16.19	16.18	16.15	0-1	0.0
	75	0	16.24	16.24	16.27	16.25		0.0
DFT-s-OFDM 16QAM	1	1	16.24	16.31	16.30	16.43	0-1	0.0
CP-OFDM QPSK	1	1	16.15	16.29	16.49	16.30	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 248 of 321

Table H-289
NR Band n48 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth
NR Band n48
20 MHz Bandwidth

			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	16.09	16.06	16.23	16.09	0	0.0
	1	26	16.17	16.02	16.08	16.04		0.0
	1	49	16.27	16.04	16.04	16.05		0.0
	25	0	16.18	16.11	16.14	16.02	0-0.5	0.0
	25	13	16.24	16.09	16.10	16.02	0	0.0
	25	26	16.31	16.11	16.06	16.00	0-0.5	0.0
	50	0	16.28	16.14	16.06	16.05		0.0
DFT-s-OFDM QPSK	1	1	16.12	16.25	16.26	16.00	0	0.0
	1	26	16.24	16.14	16.09	15.97		0.0
	1	49	16.34	16.15	16.04	16.03		0.0
	25	0	16.22	16.12	16.14	16.03	0-1	0.0
	25	13	16.20	16.15	16.09	16.03	0	0.0
	25	26	16.27	16.17	16.05	16.02	0-1	0.0
	50	0	16.24	16.16	16.10	16.01		0.0
DFT-s-OFDM 16QAM	1	1	16.23	16.05	16.40	16.28	0-1	0.0
CP-OFDM QPSK	1	1	16.11	16.05	16.23	15.97	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 249 of 321

Table H-290
NR Band n48 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth
NR Band n48
15 MHz Bandwidth

			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.05	16.14	16.15	16.12	0	0.0
	1	19	16.15	16.11	16.03	16.09		0.0
	1	36	16.26	16.15	16.04	16.17		0.0
	18	0	16.14	16.13	16.15	15.99	0-0.5	0.0
	18	10	16.16	16.09	16.07	15.99	0	0.0
	18	20	16.24	16.15	16.08	16.02	0-0.5	0.0
	36	0	16.20	16.14	16.10	16.03		0.0
DFT-s-OFDM QPSK	1	1	16.06	16.18	16.23	16.08	0	0.0
	1	19	16.19	16.14	16.14	16.04		0.0
	1	36	16.34	16.25	16.10	16.10		0.0
	18	0	16.19	16.17	16.12	16.01	0-1	0.0
	18	10	16.18	16.13	16.11	15.97	0	0.0
	18	20	16.21	16.16	16.05	16.03	0-1	0.0
	36	0	16.18	16.18	16.12	16.03		0.0
DFT-s-OFDM 16QAM	1	1	15.99	16.03	16.21	16.27	0-1	0.0
CP-OFDM QPSK	1	1	16.12	16.18	16.24	16.11	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 250 of 321

Table H-291
NR Band n48 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth
NR Band n48
10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	15.91	15.94	16.10	16.01	0	0.0
	1	12	15.95	15.92	16.02	15.99		0.0
	1	22	15.97	15.96	15.96	16.01		0.0
	12	0	15.96	15.92	16.04	15.90	0-0.5	0.0
	12	6	15.99	15.95	16.03	15.90	0	0.0
	12	12	16.05	15.98	15.98	15.92	0-0.5	0.0
	24	0	16.01	15.94	16.03	15.94		0.0
DFT-s-OFDM QPSK	1	1	16.00	16.03	16.12	15.99	0	0.0
	1	12	15.99	16.00	16.07	15.95		0.0
	1	22	16.02	16.01	16.03	15.93		0.0
	12	0	16.00	15.97	16.07	15.94	0-1	0.0
	12	6	16.01	16.00	16.04	15.93	0	0.0
	12	12	16.00	15.95	15.97	15.97	0-1	0.0
	24	0	15.99	15.95	16.02	15.93		0.0
DFT-s-OFDM 16QAM	1	1	15.91	16.12	16.12	16.15	0-1	0.0
CP-OFDM QPSK	1	1	15.96	15.98	16.07	15.92	0-1.5	0.0

H.2.5 NR Band n48 Antenna C, I, D

Table H-292
NR Band n48 Antenna C, D Measured P_{Limit} for all DSI - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
Modulation	Channel			
	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant C	14.94	15.20	15.39	15.45
SRS #4 Ant D	14.31	14.78	15.14	15.32

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 251 of 321

Table H-293
NR Band n48 Antenna C, 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 C	14.88	15.18	15.35	15.51
SRS #4 Ant D	14.28	14.76	15.01	15.34

Table H-294
NR Band n48 Antenna C, D Measured P_{Limit} for all DSI - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Modulation	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant C	14.80	15.14	15.33	15.49
SRS #4 Ant D	14.25	14.75	14.96	15.35

Table H-295
NR Band n48 Antenna C, 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 C	14.52	14.90	15.20	15.41
SRS #4 Ant D	14.18	14.70	14.84	15.23

Table H-296

NR Band n48 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 #3 Ant I	16.94	17.20	17.04	17.06

Table H-297

NR Band n48 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 #3 Ant I	16.97	16.99	16.93	17.12

Table H-298

NR Band n48 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Modulation	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #3 Ant I	16.99	17.01	16.95	17.16

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 253 of 321

Table H-299

NR Band n48 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 #3 Ant I	17.00	16.99	16.89	17.14

Table H-300

NR Band n48 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 #3 Ant I	16.00	16.03	16.13	16.39

Table H-301

NR Band n48 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 #3 Ant I	16.36	16.03	15.99	16.31

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 254 of 321

Table H-302
NR Band n48 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Modulation	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #3 Ant I	16.34	16.05	15.98	16.32

Table H-303
NR Band n48 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 #3 Ant I	16.12	15.84	15.92	16.21

H.2.1 NR Band n77 DoD Antenna F

Table H-304

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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	18.50	0	0.0
	1	123	18.49		0.0
	1	243	18.43		0.0
	120	0	18.46	0-0.5	0.0
	120	63	18.40	0	0.0
	120	125	18.34	0-0.5	0.0
	243	0	18.39		0.0
DFT-s-OFDM QPSK	1	1	18.48	0	0.0
	1	123	18.48		0.0
	1	243	18.40		0.0
	120	0	18.47	0-1	0.0
	120	63	18.49	0	0.0
	120	125	18.31	0-1	0.0
	243	0	18.43		0.0
DFT-s-OFDM 16QAM	1	1	18.45	0-1	0.0
CP-OFDM QPSK	1	1	18.44	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 256 of 321

Table H-305

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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	18.54	0	0.0
	1	109	18.51		0.0
	1	215	18.34		0.0
	108	0	18.55	0-0.5	0.0
	108	55	18.49	0	0.0
	108	109	18.42	0-0.5	0.0
	216	0	18.50		0.0
DFT-s-OFDM QPSK	1	1	18.56	0	0.0
	1	109	18.59		0.0
	1	215	18.39		0.0
	108	0	18.58	0-1	0.0
	108	55	18.52	0	0.0
	108	109	18.10	0-1	0.0
	216	0	18.50		0.0
DFT-s-OFDM 16QAM	1	1	18.46	0-1	0.0
CP-OFDM QPSK	1	1	18.57	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 257 of 321

Table H-306

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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	18.60	0	0.0
	1	95	18.51		0.0
	1	187	18.35		0.0
	90	0	18.57	0-0.5	0.0
	90	50	18.54	0	0.0
	90	99	18.41	0-0.5	0.0
	180	0	18.54		0.0
DFT-s-OFDM QPSK	1	1	18.58	0	0.0
	1	95	18.50		0.0
	1	187	18.32		0.0
	90	0	18.61	0-1	0.0
	90	50	18.49	0	0.0
	90	99	18.46	0-1	0.0
	180	0	18.52		0.0
DFT-s-OFDM 16QAM	1	1	18.51	0-1	0.0
CP-OFDM QPSK	1	1	18.69	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 258 of 321

Table H-307

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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	18.77	0	0.0
	1	81	18.81		0.0
	1	160	18.57		0.0
	81	0	18.78	0-0.5	0.0
	81	41	18.74	0	0.0
	81	81	18.65	0-0.5	0.0
	162	0	18.72		0.0
DFT-s-OFDM QPSK	1	1	18.78	0	0.0
	1	81	18.83		0.0
	1	160	18.60		0.0
	81	0	18.79	0-1	0.0
	81	41	18.75	0	0.0
	81	81	18.65	0-1	0.0
	162	0	18.72		0.0
DFT-s-OFDM 16QAM	1	1	18.85	0-1	0.0
CP-OFDM QPSK	1	1	18.80	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 259 of 321

Table H-308

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.89	18.81	0	0.0
	1	67	18.79	18.63		0.0
	1	131	18.70	18.53		0.0
	64	0	18.81	18.73	0-0.5	0.0
	64	35	18.77	18.63	0	0.0
	64	69	18.76	18.56	0-0.5	0.0
	128	0	18.77	18.63		0.0
DFT-s-OFDM QPSK	1	1	18.92	18.85	0	0.0
	1	67	18.80	18.63		0.0
	1	131	18.77	18.50		0.0
	64	0	18.80	18.73	0-1	0.0
	64	35	18.78	18.63	0	0.0
	64	69	18.75	18.55	0-1	0.0
	128	0	18.83	18.65		0.0
DFT-s-OFDM 16QAM	1	1	18.91	18.96	0-1	0.0
CP-OFDM QPSK	1	1	18.85	18.66	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 260 of 321

Table H-309

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.92	18.80	0	0.0
	1	53	18.78	18.54		0.0
	1	104	18.91	18.61		0.0
	50	0	18.82	18.68	0-0.5	0.0
	50	28	18.80	18.63	0	0.0
	50	56	18.86	18.59	0-0.5	0.0
	100	0	18.80	18.65		0.0
DFT-s-OFDM QPSK	1	1	18.90	18.74	0	0.0
	1	53	18.78	18.48		0.0
	1	104	18.92	18.58		0.0
	50	0	18.82	18.69	0-1	0.0
	50	28	18.77	18.56	0	0.0
	50	56	18.81	18.60	0-1	0.0
	100	0	18.81	18.62		0.0
DFT-s-OFDM 16QAM	1	1	18.98	18.73	0-1	0.0
CP-OFDM QPSK	1	1	18.95	18.87	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 261 of 321

Table H-310

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.91	18.87	18.88	0	0.0
	1	39	18.82	18.71	18.68		0.0
	1	76	18.90	18.70	18.72		0.0
	36	0	18.85	18.82	18.88	0-0.5	0.0
	36	21	18.79	18.69	18.80	0	0.0
	36	42	18.81	18.72	18.78	0-0.5	0.0
	75	0	18.83	18.78	18.86		0.0
DFT-s-OFDM QPSK	1	1	18.88	18.90	18.97	0	0.0
	1	39	18.74	18.74	18.80		0.0
	1	76	18.81	18.74	18.78		0.0
	36	0	18.89	18.80	18.92	0-1	0.0
	36	21	18.78	18.70	18.78	0	0.0
	36	42	18.86	18.72	18.81	0-1	0.0
	75	0	18.84	18.77	18.83		0.0
DFT-s-OFDM 16QAM	1	1	18.99	18.96	18.96	0-1	0.0
CP-OFDM QPSK	1	1	18.91	18.80	18.97	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 262 of 321

Table H-311

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	630834 (3462.51 MHz)	633334 (3500.01 MHz)	635832 (3537.48 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.98	18.92	18.82	0	0.0
	1	33	18.57	18.52	18.40		0.0
	1	63	18.97	18.87	18.83		0.0
	32	0	18.58	18.61	18.41	0-0.5	0.0
	32	17	18.57	18.57	18.35	0	0.0
	32	33	18.64	18.58	18.39	0-0.5	0.0
	64	0	18.60	18.61	18.42		0.0
DFT-s-OFDM QPSK	1	1	18.95	18.96	18.86	0	0.0
	1	33	18.60	18.61	18.39		0.0
	1	63	18.99	18.89	18.78		0.0
	32	0	18.64	18.63	18.45	0-1	0.0
	32	17	18.59	18.57	18.36	0	0.0
	32	33	18.65	18.62	18.44	0-1	0.0
	64	0	18.63	18.65	18.42		0.0
DFT-s-OFDM 16QAM	1	1	18.92	18.97	18.67	0-1	0.0
CP-OFDM QPSK	1	1	18.84	18.88	18.87	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 263 of 321

Table H-312

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.57	18.93	18.74	0	0.0
	1	26	18.49	18.83	18.58		0.0
	1	49	18.49	18.78	18.61		0.0
	25	0	18.52	18.82	18.66	0-0.5	0.0
	25	13	18.51	18.80	18.61	0	0.0
	25	26	18.53	18.83	18.67	0-0.5	0.0
	50	0	18.54	18.86	18.65		0.0
DFT-s-OFDM QPSK	1	1	18.46	18.89	18.75	0	0.0
	1	26	18.36	18.82	18.59		0.0
	1	49	18.36	18.80	18.62		0.0
	25	0	18.48	18.85	18.66	0-1	0.0
	25	13	18.52	18.85	18.62	0	0.0
	25	26	18.52	18.85	18.67	0-1	0.0
	50	0	18.51	18.85	18.66		0.0
DFT-s-OFDM 16QAM	1	1	18.91	18.89	18.51	0-1	0.0
CP-OFDM QPSK	1	1	18.48	18.86	18.79	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 264 of 321

Table H-313

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	630500 (3457.5 MHz)	633334 (3500.01 MHz)	636166 (3542.49 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.84	18.79	18.60	0	0.0
	1	19	18.85	18.80	18.61		0.0
	1	36	18.96	18.78	18.65		0.0
	18	0	18.82	18.82	18.57	0-0.5	0.0
	18	10	18.86	18.78	18.55	0	0.0
	18	20	18.86	18.82	18.59	0-0.5	0.0
	36	0	18.86	18.80	18.63		0.0
DFT-s-OFDM QPSK	1	1	18.90	18.89	18.68	0	0.0
	1	19	18.93	18.85	18.62		0.0
	1	36	18.95	18.87	18.69		0.0
	18	0	18.79	18.78	18.61	0-1	0.0
	18	10	18.79	18.78	18.61	0	0.0
	18	20	18.85	18.78	18.62	0-1	0.0
	36	0	18.83	18.79	18.65		0.0
DFT-s-OFDM 16QAM	1	1	18.81	18.55	18.47	0-1	0.0
CP-OFDM QPSK	1	1	18.86	18.94	18.68	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 265 of 321

Table H-314

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	630334 (3455.01 MHz)	633334 (3500.01 MHz)	636332 (3544.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.82	18.68	18.51	0	0.0
	1	12	18.83	18.67	18.53		0.0
	1	22	18.86	18.70	18.54		0.0
	12	0	18.79	18.74	18.52	0-0.5	0.0
	12	6	18.79	18.73	18.49	0	0.0
	12	12	18.77	18.70	18.52	0-0.5	0.0
	24	0	18.77	18.74	18.56		0.0
DFT-s-OFDM QPSK	1	1	18.78	18.69	18.48	0	0.0
	1	12	18.78	18.67	18.52		0.0
	1	22	18.79	18.70	18.53		0.0
	12	0	18.77	18.72	18.51	0-1	0.0
	12	6	18.76	18.73	18.52	0	0.0
	12	12	18.77	18.74	18.51	0-1	0.0
	24	0	18.79	18.73	18.53		0.0
DFT-s-OFDM 16QAM	1	1	18.95	18.80	18.58	0-1	0.0
CP-OFDM QPSK	1	1	18.74	18.70	18.48	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 266 of 321

Table H-315
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 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	15.06	0	0.0
	1	123	15.11		0.0
	1	243	14.93		0.0
	120	0	15.01	0-0.5	0.0
	120	63	15.08	0	0.0
	120	125	14.98	0-0.5	0.0
	243	0	15.04		0.0
DFT-s-OFDM QPSK	1	1	15.04	0	0.0
	1	123	15.04		0.0
	1	243	14.92		0.0
	120	0	15.01	0-1	0.0
	120	63	15.08	0	0.0
	120	125	14.91	0-1	0.0
	243	0	15.04		0.0
DFT-s-OFDM 16QAM	1	1	14.82	0-1	0.0
CP-OFDM QPSK	1	1	14.93	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 267 of 321

Table H-316
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 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	15.05	0	0.0
	1	109	15.07		0.0
	1	215	14.81		0.0
	108	0	15.02	0-0.5	0.0
	108	55	15.09	0	0.0
	108	109	14.94	0-0.5	0.0
	216	0	15.05		0.0
DFT-s-OFDM QPSK	1	1	15.02	0	0.0
	1	109	15.09		0.0
	1	215	14.87		0.0
	108	0	15.02	0-1	0.0
	108	55	15.11	0	0.0
	108	109	14.94	0-1	0.0
	216	0	15.04		0.0
DFT-s-OFDM 16QAM	1	1	15.11	0-1	0.0
CP-OFDM QPSK	1	1	15.07	0-1.5	0.0

Table H-317
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 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	15.08	0	0.0
	1	95	15.06		0.0
	1	187	14.81		0.0
	90	0	15.07	0-0.5	0.0
	90	50	15.04	0	0.0
	90	99	15.00	0-0.5	0.0
	180	0	15.06		0.0
DFT-s-OFDM QPSK	1	1	15.13	0	0.0
	1	95	15.08		0.0
	1	187	14.92		0.0
	90	0	15.03	0-1	0.0
	90	50	15.08	0	0.0
	90	99	14.95	0-1	0.0
	180	0	15.05		0.0
DFT-s-OFDM 16QAM	1	1	15.08	0-1	0.0
CP-OFDM QPSK	1	1	15.07	0-1.5	0.0

Table H-318
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 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	15.15	0	0.0
	1	81	15.18		0.0
	1	160	14.95		0.0
	81	0	15.18	0-0.5	0.0
	81	41	15.13	0	0.0
	81	81	15.04	0-0.5	0.0
	162	0	15.12		0.0
DFT-s-OFDM QPSK	1	1	15.26	0	0.0
	1	81	15.24		0.0
	1	160	14.99		0.0
	81	0	15.22	0-1	0.0
	81	41	15.23	0	0.0
	81	81	15.00	0-1	0.0
	162	0	15.11		0.0
DFT-s-OFDM 16QAM	1	1	15.15	0-1	0.0
CP-OFDM QPSK	1	1	15.23	0-1.5	0.0

Table H-319
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth
NR Band n77 DoD
50 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.25	15.17	0	0.0
	1	67	15.15	14.90		0.0
	1	131	15.07	14.82		0.0
	64	0	15.23	15.06	0-0.5	0.0
	64	35	15.17	14.96	0	0.0
	64	69	15.13	14.85	0-0.5	0.0
	128	0	15.14	15.00		0.0
DFT-s-OFDM QPSK	1	1	15.32	15.24	0	0.0
	1	67	15.16	15.02		0.0
	1	131	15.15	14.87		0.0
	64	0	15.21	15.10	0-1	0.0
	64	35	15.15	14.96	0	0.0
	64	69	15.12	14.86	0-1	0.0
	128	0	15.19	14.97		0.0
DFT-s-OFDM 16QAM	1	1	15.39	15.13	0-1	0.0
CP-OFDM QPSK	1	1	15.32	15.15	0-1.5	0.0

Table H-320
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth
NR Band n77 DoD
40 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.28	15.26	0	0.0
	1	53	15.07	15.11		0.0
	1	104	15.26	15.21		0.0
	50	0	15.24	15.15	0-0.5	0.0
	50	28	15.18	15.15	0	0.0
	50	56	15.20	15.17	0-0.5	0.0
	100	0	15.20	15.06		0.0
DFT-s-OFDM QPSK	1	1	15.39	15.21	0	0.0
	1	53	15.25	15.00		0.0
	1	104	15.31	15.15		0.0
	50	0	15.26	15.12	0-1	0.0
	50	28	15.19	15.08	0	0.0
	50	56	15.24	15.09	0-1	0.0
	100	0	15.22	15.06		0.0
DFT-s-OFDM 16QAM	1	1	15.27	15.04	0-1	0.0
CP-OFDM QPSK	1	1	15.35	15.27	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 272 of 321

Table H-321
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.39	0	0.0
	1	39	15.24		0.0
	1	76	15.25		0.0
	36	0	15.34	0-0.5	0.0
	36	21	15.25	0	0.0
	36	42	15.26	0-0.5	0.0
	75	0	15.28		0.0
DFT-s-OFDM QPSK	1	1	15.44	0	0.0
	1	39	15.30		0.0
	1	76	15.30		0.0
	36	0	15.35	0-1	0.0
	36	21	15.25	0	0.0
	36	42	15.27	0-1	0.0
	75	0	15.29		0.0
DFT-s-OFDM 16QAM	1	1	15.33	0-1	0.0
CP-OFDM QPSK	1	1	15.27	0-1.5	0.0

Table H-322
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.46	0	0.0
	1	33	15.01		0.0
	1	63	15.35		0.0
	32	0	15.07	0-0.5	0.0
	32	17	14.99	0	0.0
	32	33	15.03	0-0.5	0.0
	64	0	15.02		0.0
DFT-s-OFDM QPSK	1	1	15.40	0	0.0
	1	33	14.98		0.0
	1	63	15.38		0.0
	32	0	15.06	0-1	0.0
	32	17	15.03	0	0.0
	32	33	15.05	0-1	0.0
	64	0	15.01		0.0
DFT-s-OFDM 16QAM	1	1	15.20	0-1	0.0
CP-OFDM QPSK	1	1	15.39	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 274 of 321

Table H-323
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.34	0	0.0
	1	26	15.21		0.0
	1	49	15.24		0.0
	25	0	15.28	0-0.5	0.0
	25	13	15.27	0	0.0
	25	26	15.23	0-0.5	0.0
	50	0	15.26		0.0
DFT-s-OFDM QPSK	1	1	15.42	0	0.0
	1	26	15.30		0.0
	1	49	15.26		0.0
	25	0	15.26	0-1	0.0
	25	13	15.24	0	0.0
	25	26	15.27	0-1	0.0
	50	0	15.23		0.0
DFT-s-OFDM 16QAM	1	1	15.30	0-1	0.0
CP-OFDM QPSK	1	1	15.22	0-1.5	0.0

Table H-324
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.31	0	0.0
	1	19	15.27		0.0
	1	36	15.34		0.0
	18	0	15.22	0-0.5	0.0
	18	10	15.23	0	0.0
	18	20	15.25	0-0.5	0.0
	36	0	15.24		0.0
DFT-s-OFDM QPSK	1	1	15.36	0	0.0
	1	19	15.36		0.0
	1	36	15.38		0.0
	18	0	15.27	0-1	0.0
	18	10	15.24	0	0.0
	18	20	15.28	0-1	0.0
	36	0	15.27		0.0
DFT-s-OFDM 16QAM	1	1	15.25	0-1	0.0
CP-OFDM QPSK	1	1	15.26	0-1.5	0.0

Table H-325
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.26	0	0.0
	1	12	15.26		0.0
	1	22	15.25		0.0
	12	0	15.21	0-0.5	0.0
	12	6	15.23	0	0.0
	12	12	15.26	0-0.5	0.0
	24	0	15.24		0.0
DFT-s-OFDM QPSK	1	1	15.18	0	0.0
	1	12	15.16		0.0
	1	22	15.21		0.0
	12	0	15.26	0-1	0.0
	12	6	15.22	0	0.0
	12	12	15.24	0-1	0.0
	24	0	15.26		0.0
DFT-s-OFDM 16QAM	1	1	15.26	0-1	0.0
CP-OFDM QPSK	1	1	15.26	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 277 of 321

H.2.2 NR Band n77 DoD Antenna C, I, D

Table H-326
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.45
SRS #4 Ant D	13.98

Table H-327
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.42
SRS #4 Ant D	14.00

Table H-328
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.46
SRS #4 Ant D	13.99

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 278 of 321

Table H-329
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.62
SRS #4 Ant D	14.19

Table H-330
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.24	14.76
SRS #4 Ant D	14.17	14.25

Table H-331
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.44	15.02
SRS #4 Ant D	14.37	14.51

Table H-332
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.40	14.78	15.04
SRS #4 Ant D	14.37	14.37	14.56

Table H-333
NR Band n77 DoD Antenna C, D Measured P_{Limit} for all DSI - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth			
Channel			
Modulation	630834 (3462.51 MHz)	633334 (3500.01 MHz)	635832 (3537.48 MHz)
	Conducted Power [dBm]		
SRS #2 Ant C	14.20	14.65	14.92
SRS #4 Ant D	14.28	14.23	14.48

Table H-334
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.20	14.67	14.93
SRS #4 Ant D	14.38	14.25	14.58

Table H-335
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.18	14.66	14.94
SRS #4 Ant D	14.29	14.24	14.46

Table H-336
NR Band n77 DoD Antenna C, D 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 #2 Ant C	14.07	14.52	14.85
SRS #4 Ant D	14.21	14.08	14.37

Table H-337
**NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive),
DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 90 MHz
Bandwidth**

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant I	16.97

Table H-338

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant I	16.99

Table H-339

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant I	16.99

Table H-340

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant I	17.12

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 282 of 321

Table H-341

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	17.10	17.11

Table H-342

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	17.33	17.33

Table H-343

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	17.34	17.36	17.33

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 283 of 321

Table H-344

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth			
Channel			
Modulation	630834 (3462.51 MHz)	633334 (3500.01 MHz)	635832 (3537.48 MHz)
	Conducted Power [dBm]		
SRS #3 Ant I	17.28	17.28	17.21

Table H-345

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	17.21	17.23	17.17

Table H-346

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	17.25	17.21	17.18

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 284 of 321

Table H-347

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	17.14	17.12	17.05

Table H-348

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant I	16.11

Table H-349

NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant I	16.13

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 285 of 321

Table H-350
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
	Channel
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant I	16.10

Table H-351
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
	Channel
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant I	16.19

Table H-352
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.16	16.15

Table H-353
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.43	16.48

Table H-354
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.39	16.43	16.48

Table H-355
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth			
Channel			
Modulation	630834 (3462.51 MHz)	633334 (3500.01 MHz)	635832 (3537.48 MHz)
	Conducted Power [dBm]		
SRS #3 Ant I	16.30	16.32	16.37

Table H-356
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.22	16.21	16.27

Table H-357
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.34	16.32	16.36

Table H-358
NR Band n77 DoD Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.25	16.29	16.23

H.2.3 NR Band n77 C-Band Antenna F

Table H-359

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.90	18.37	18.37	0	0.0
	1	123	18.12	18.49	18.42		0.0
	1	243	18.32	18.37	18.15		0.0
	120	0	18.07	18.52	18.42	0-0.5	0.0
	120	63	18.12	18.46	18.41	0	0.0
	120	125	18.12	18.42	18.19	0-0.5	0.0
	243	0	18.11	18.43	18.35		0.0
DFT-s-OFDM QPSK	1	1	17.92	18.51	18.27	0	0.0
	1	123	18.19	18.52	18.34		0.0
	1	243	18.31	18.44	18.00		0.0
	120	0	18.15	18.53	18.44	0-1	0.0
	120	63	18.18	18.47	18.43	0	0.0
	120	125	18.13	18.48	18.17	0-1	0.0
	243	0	18.13	18.43	18.38		0.0
DFT-s-OFDM 16QAM	1	1	18.06	18.67	18.44	0-1	0.0
CP-OFDM QPSK	1	1	17.94	18.61	18.36	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 289 of 321

Table H-360

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.99	18.45	18.37	0	0.0
	1	109	18.16	18.54	18.47		0.0
	1	215	18.10	18.53	18.06		0.0
	108	0	18.15	18.50	18.46	0-0.5	0.0
	108	55	18.20	18.49	18.44	0	0.0
	108	109	18.14	18.48	18.21	0-0.5	0.0
	216	0	18.16	18.46	18.41		0.0
DFT-s-OFDM QPSK	1	1	18.09	18.36	18.48	0	0.0
	1	109	18.23	18.54	18.52		0.0
	1	215	18.15	18.43	18.02		0.0
	108	0	18.19	18.53	18.41	0-1	0.0
	108	55	18.19	18.48	18.43	0	0.0
	108	109	18.18	18.48	18.20	0-1	0.0
	216	0	18.20	18.48	18.42		0.0
DFT-s-OFDM 16QAM	1	1	17.87	18.54	18.52	0-1	0.0
CP-OFDM QPSK	1	1	18.15	18.36	18.38	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 290 of 321

Table H-361

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.07	18.28	18.47	18.48	0	0.0
	1	95	18.20	18.56	18.50	18.41		0.0
	1	187	18.10	18.40	18.38	18.07		0.0
	90	0	18.18	18.42	18.48	18.50	0-0.5	0.0
	90	50	18.19	18.45	18.48	18.43	0	0.0
	90	99	18.14	18.53	18.41	18.23	0-0.5	0.0
	180	0	18.13	18.41	18.51	18.40		0.0
DFT-s-OFDM QPSK	1	1	18.10	18.38	18.46	18.44	0	0.0
	1	95	18.24	18.54	18.61	18.36		0.0
	1	187	18.07	18.44	18.42	18.04		0.0
	90	0	18.15	18.41	18.46	18.47	0-1	0.0
	90	50	18.18	18.48	18.53	18.44	0	0.0
	90	99	18.14	18.43	18.39	18.21	0-1	0.0
	180	0	18.16	18.39	18.49	18.40		0.0
DFT-s-OFDM 16QAM	1	1	18.07	18.79	18.06	18.21	0-1	0.0
CP-OFDM QPSK	1	1	18.07	18.26	18.49	18.47	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 291 of 321

Table H-362

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.35	18.48	18.68	18.64	0	0.0
	1	81	18.34	18.55	18.67	18.48		0.0
	1	160	18.38	18.68	18.66	18.33		0.0
	81	0	18.35	18.43	18.63	18.65	0-0.5	0.0
	81	41	18.27	18.50	18.57	18.52	0	0.0
	81	81	18.33	18.61	18.67	18.39	0-0.5	0.0
	162	0	18.32	18.50	18.57	18.45		0.0
DFT-s-OFDM QPSK	1	1	18.31	18.41	18.61	18.67	0	0.0
	1	81	18.20	18.52	18.58	18.56		0.0
	1	160	18.28	18.59	18.67	18.37		0.0
	81	0	18.34	18.43	18.63	18.62	0-1	0.0
	81	41	18.30	18.49	18.58	18.52	0	0.0
	81	81	18.30	18.59	18.63	18.43	0-1	0.0
	162	0	18.33	18.49	18.60	18.53		0.0
DFT-s-OFDM 16QAM	1	1	18.51	18.29	18.49	18.39	0-1	0.0
CP-OFDM QPSK	1	1	18.31	18.45	18.52	18.74	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 292 of 321

Table H-363

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 50 MHz Bandwidth

NR Band n77									
50 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.28	18.54	18.56	18.55	18.60	0	0.0
	1	67	18.26	18.43	18.69	18.66	18.59		0.0
	1	131	18.18	18.55	18.70	18.66	18.44		0.0
	64	0	18.23	18.45	18.65	18.60	18.65	0-0.5	0.0
	64	35	18.30	18.44	18.70	18.64	18.54	0	0.0
	64	69	18.26	18.51	18.68	18.63	18.51	0-0.5	0.0
	128	0	18.25	18.50	18.68	18.66	18.56		0.0
DFT-s-OFDM QPSK	1	1	18.37	18.65	18.54	18.56	18.57	0	0.0
	1	67	18.31	18.38	18.62	18.59	18.58		0.0
	1	131	18.20	18.56	18.66	18.68	18.39		0.0
	64	0	18.31	18.49	18.60	18.65	18.65	0-1	0.0
	64	35	18.31	18.44	18.69	18.65	18.58	0	0.0
	64	69	18.32	18.50	18.63	18.64	18.50	0-1	0.0
	128	0	18.30	18.49	18.67	18.65	18.56		0.0
DFT-s-OFDM 16QAM	1	1	18.35	18.67	18.65	18.50	18.82	0-1	0.0
CP-OFDM QPSK	1	1	18.32	18.54	18.72	18.61	18.66	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 293 of 321

Table H-364

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.38	18.74	18.79	18.99	18.84	18.67	0	0.0
	1	53	18.17	18.74	18.84	18.73	18.84	18.49		0.0
	1	104	18.30	18.76	18.93	18.90	18.79	18.54		0.0
	50	0	18.28	18.78	18.81	18.75	18.84	18.56	0-0.5	0.0
	50	28	18.24	18.74	18.85	18.74	18.81	18.45	0	0.0
	50	56	18.26	18.73	18.84	18.80	18.76	18.52	0-0.5	0.0
	100	0	18.27	18.75	18.85	18.78	18.86	18.49		0.0
DFT-s-OFDM QPSK	1	1	18.43	18.75	18.75	18.95	18.87	18.72	0	0.0
	1	53	18.21	18.80	18.80	18.72	18.92	18.57		0.0
	1	104	18.31	18.80	18.84	18.85	18.80	18.60		0.0
	50	0	18.30	18.83	18.80	18.76	18.90	18.54	0-1	0.0
	50	28	18.28	18.76	18.88	18.72	18.86	18.47	0	0.0
	50	56	18.30	18.76	18.82	18.77	18.76	18.50	0-1	0.0
	100	0	18.34	18.81	18.85	18.75	18.90	18.51		0.0
DFT-s-OFDM 16QAM	1	1	18.26	18.97	18.79	18.98	18.53	18.98	0-1	0.0
CP-OFDM QPSK	1	1	18.46	18.67	18.70	18.85	18.95	18.54	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 294 of 321

Table H-365

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 30 MHz Bandwidth

NR Band n77										
30 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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 π/2 BPSK	1	1	18.30	18.66	18.77	18.84	18.91	18.66	0	0.0
	1	39	18.23	18.64	18.93	18.70	18.92	18.72		0.0
	1	76	18.29	18.56	18.89	18.80	18.84	18.63		0.0
	36	0	18.29	18.63	18.84	18.81	18.92	18.70	0-0.5	0.0
	36	21	18.28	18.59	18.86	18.80	18.86	18.69	0	0.0
	36	42	18.30	18.55	18.83	18.84	18.79	18.72	0-0.5	0.0
	75	0	18.37	18.56	18.88	18.80	18.89	18.75		0.0
DFT-s-OFDM QPSK	1	1	18.48	18.64	18.66	18.89	18.84	18.71	0	0.0
	1	39	18.41	18.59	18.83	18.76	18.84	18.74		0.0
	1	76	18.42	18.57	18.82	18.85	18.77	18.62		0.0
	36	0	18.36	18.63	18.84	18.75	18.89	18.65	0-1	0.0
	36	21	18.33	18.56	18.89	18.76	18.89	18.74	0	0.0
	36	42	18.34	18.54	18.83	18.80	18.83	18.69	0-1	0.0
	75	0	18.40	18.59	18.89	18.81	18.93	18.76		0.0
DFT-s-OFDM 16QAM	1	1	18.48	18.72	18.66	18.89	18.50	18.91	0-1	0.0
CP-OFDM QPSK	1	1	18.34	18.69	18.68	18.94	18.40	18.60	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 295 of 321

Table H-366

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	647500 (3712.5 MHz)	650900 (3763.5 MHz)	654300 (3814.5 MHz)	657700 (3865.5 MHz)	661100 (3916.5 MHz)	664500 (3967.5 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.44	18.73	18.95	18.92	18.89	18.67	0	0.0
	1	33	17.97	18.08	18.36	18.29	18.12	18.24		0.0
	1	63	18.42	18.74	18.97	18.94	18.84	18.64		0.0
	32	0	18.05	18.16	18.42	18.38	18.27	18.24	0-0.5	0.0
	32	17	18.00	18.10	18.44	18.33	18.22	18.25	0	0.0
	32	33	18.07	18.15	18.50	18.41	18.21	18.24	0-0.5	0.0
	64	0	18.10	18.15	18.46	18.32	18.31	18.30		0.0
DFT-s-OFDM QPSK	1	1	18.50	18.78	18.99	18.99	18.87	18.65	0	0.0
	1	33	18.07	18.15	18.31	18.30	18.17	18.24		0.0
	1	63	18.50	18.77	18.92	18.94	18.88	18.64		0.0
	32	0	18.16	18.18	18.42	18.38	18.29	18.24	0-1	0.0
	32	17	18.08	18.11	18.39	18.30	18.26	18.27	0	0.0
	32	33	18.16	18.17	18.51	18.44	18.25	18.30	0-1	0.0
	64	0	18.12	18.15	18.45	18.36	18.32	18.31		0.0
DFT-s-OFDM 16QAM	1	1	18.63	18.77	18.80	18.89	18.56	18.69	0-1	0.0
CP-OFDM QPSK	1	1	18.60	18.73	18.88	18.98	18.94	18.59	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 296 of 321

Table H-367

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.35	18.74	18.59	18.69	18.86	18.70	0	0.0
	1	26	18.27	18.61	18.63	18.66	18.70	18.66		0.0
	1	49	18.31	18.61	18.68	18.81	18.81	18.60		0.0
	25	0	18.27	18.62	18.70	18.72	18.84	18.71	0-0.5	0.0
	25	13	18.31	18.61	18.72	18.71	18.81	18.64	0	0.0
	25	26	18.32	18.58	18.75	18.75	18.84	18.65	0-0.5	0.0
	50	0	18.33	18.62	18.75	18.77	18.88	18.65		0.0
DFT-s-OFDM QPSK	1	1	18.35	18.71	18.62	18.72	18.85	18.67	0	0.0
	1	26	18.29	18.58	18.61	18.70	18.67	18.68		0.0
	1	49	18.35	18.62	18.70	18.78	18.73	18.68		0.0
	25	0	18.32	18.63	18.68	18.73	18.85	18.73	0-1	0.0
	25	13	18.33	18.56	18.69	18.74	18.82	18.64	0	0.0
	25	26	18.36	18.61	18.75	18.77	18.77	18.69	0-1	0.0
	50	0	18.35	18.59	18.76	18.77	18.88	18.70		0.0
DFT-s-OFDM 16QAM	1	1	18.58	18.49	18.44	18.96	18.53	18.61	0-1	0.0
CP-OFDM QPSK	1	1	18.26	18.46	18.72	18.75	18.42	18.52	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 297 of 321

Table H-368

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.37	18.76	18.74	18.75	18.80	18.57	0	0.0
	1	19	18.31	18.53	18.70	18.70	18.65	18.47		0.0
	1	36	18.32	18.57	18.80	18.82	18.81	18.47		0.0
	18	0	18.26	18.56	18.68	18.72	18.81	18.41	0-0.5	0.0
	18	10	18.26	18.50	18.71	18.68	18.71	18.39	0	0.0
	18	20	18.24	18.49	18.74	18.76	18.75	18.38	0-0.5	0.0
	36	0	18.26	18.54	18.75	18.72	18.72	18.44		0.0
DFT-s-OFDM QPSK	1	1	18.42	18.73	18.81	18.70	18.90	18.52	0	0.0
	1	19	18.34	18.53	18.79	18.65	18.71	18.44		0.0
	1	36	18.27	18.55	18.86	18.79	18.87	18.41		0.0
	18	0	18.28	18.55	18.73	18.68	18.82	18.43	0-1	0.0
	18	10	18.28	18.50	18.68	18.71	18.69	18.42	0	0.0
	18	20	18.28	18.50	18.78	18.72	18.72	18.45	0-1	0.0
	36	0	18.33	18.55	18.71	18.68	18.72	18.44		0.0
DFT-s-OFDM 16QAM	1	1	18.43	18.85	18.51	18.73	18.55	18.45	0-1	0.0
CP-OFDM QPSK	1	1	18.39	18.72	18.72	18.67	18.93	18.57	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 298 of 321

Table H-369

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	18.19	18.61	18.64	18.64	18.61	18.37	0	0.0
	1	12	18.18	18.62	18.75	18.74	18.69	18.36		0.0
	1	22	18.11	18.51	18.68	18.66	18.66	18.38		0.0
	12	0	18.24	18.57	18.65	18.57	18.56	18.41	0-0.5	0.0
	12	6	18.20	18.59	18.64	18.59	18.60	18.40	0	0.0
	12	12	18.22	18.55	18.66	18.62	18.62	18.37	0-0.5	0.0
	24	0	18.20	18.57	18.63	18.59	18.59	18.38		0.0
DFT-s-OFDM QPSK	1	1	18.35	18.59	18.57	18.63	18.70	18.41	0	0.0
	1	12	18.38	18.63	18.65	18.72	18.75	18.35		0.0
	1	22	18.25	18.52	18.60	18.62	18.66	18.36		0.0
	12	0	18.25	18.62	18.64	18.60	18.60	18.38	0-1	0.0
	12	6	18.23	18.56	18.68	18.64	18.65	18.41	0	0.0
	12	12	18.27	18.55	18.70	18.61	18.59	18.40	0-1	0.0
	24	0	18.26	18.56	18.62	18.61	18.60	18.41		0.0
DFT-s-OFDM 16QAM	1	1	18.42	18.58	18.90	18.93	18.54	18.12	0-1	0.0
CP-OFDM QPSK	1	1	18.32	18.53	18.59	18.63	18.37	18.48	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 299 of 321

Table H-370
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth
NR Band n77
90 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.59	14.75	14.99	0	0.0
	1	123	14.65	15.00	15.14		0.0
	1	243	14.61	14.97	14.80		0.0
	120	0	14.64	14.99	15.04	0-0.5	0.0
	120	63	14.68	14.99	15.02	0	0.0
	120	125	14.63	14.98	14.79	0-0.5	0.0
	243	0	14.64	14.95	14.99		0.0
DFT-s-OFDM QPSK	1	1	14.68	14.74	15.03	0	0.0
	1	123	14.75	15.06	15.11		0.0
	1	243	14.62	14.95	14.73		0.0
	120	0	14.65	15.02	15.04	0-1	0.0
	120	63	14.67	15.00	15.02	0	0.0
	120	125	14.68	14.94	14.83	0-1	0.0
	243	0	14.69	14.92	14.97		0.0
DFT-s-OFDM 16QAM	1	1	14.27	14.77	14.85	0-1	0.0
CP-OFDM QPSK	1	1	14.70	14.74	14.97	0-1.5	0.0

Table H-371
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth
NR Band n77
80 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.61	14.87	15.07	0	0.0
	1	109	14.74	15.08	15.06		0.0
	1	215	14.62	14.92	14.76		0.0
	108	0	14.71	15.00	15.14	0-0.5	0.0
	108	55	14.73	14.98	15.05	0	0.0
	108	109	14.67	14.97	14.89	0-0.5	0.0
	216	0	14.70	14.93	15.09		0.0
DFT-s-OFDM QPSK	1	1	14.67	14.77	15.07	0	0.0
	1	109	14.70	15.02	15.00		0.0
	1	215	14.65	14.87	14.72		0.0
	108	0	14.69	15.01	15.16	0-1	0.0
	108	55	14.72	14.99	15.04	0	0.0
	108	109	14.66	15.00	14.92	0-1	0.0
	216	0	14.75	14.94	15.10		0.0
DFT-s-OFDM 16QAM	1	1	14.69	14.79	15.05	0-1	0.0
CP-OFDM QPSK	1	1	14.68	14.90	15.09	0-1.5	0.0

Table H-372
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth
NR Band n77
70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	14.88	15.07	15.09	15.22	0	0.0
	1	95	14.90	15.07	15.23	15.10		0.0
	1	187	14.86	15.07	15.08	14.78		0.0
	90	0	14.75	15.05	15.16	15.23	0-0.5	0.0
	90	50	14.79	15.07	15.21	15.10	0	0.0
	90	99	14.79	15.13	15.12	14.98	0-0.5	0.0
	180	0	14.77	15.03	15.15	15.16		0.0
DFT-s-OFDM QPSK	1	1	14.77	15.07	15.20	15.18	0	0.0
	1	95	14.80	15.16	15.30	15.02		0.0
	1	187	14.74	15.09	15.17	14.75		0.0
	90	0	14.75	15.00	15.15	15.20	0-1	0.0
	90	50	14.80	15.02	15.16	15.09	0	0.0
	90	99	14.75	15.14	15.08	14.93	0-1	0.0
	180	0	14.78	15.03	15.18	15.17		0.0
DFT-s-OFDM 16QAM	1	1	14.79	15.13	15.30	15.39	0-1	0.0
CP-OFDM QPSK	1	1	14.82	15.05	15.17	15.16	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 302 of 321

Table H-373
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth
NR Band n77
60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.85	15.08	15.33	15.35	0	0.0
	1	81	14.78	15.04	15.28	15.22		0.0
	1	160	14.83	15.28	15.37	15.11		0.0
	81	0	14.83	15.14	15.29	15.25	0-0.5	0.0
	81	41	14.83	15.13	15.28	15.24	0	0.0
	81	81	14.86	15.21	15.33	15.21	0-0.5	0.0
	162	0	14.84	15.14	15.26	15.25		0.0
DFT-s-OFDM QPSK	1	1	14.83	15.15	15.30	15.40	0	0.0
	1	81	14.77	15.10	15.27	15.26		0.0
	1	160	14.84	15.27	15.25	15.08		0.0
	81	0	14.93	15.12	15.36	15.24	0-1	0.0
	81	41	14.85	15.11	15.27	15.23	0	0.0
	81	81	14.87	15.22	15.29	15.19	0-1	0.0
	162	0	14.82	15.14	15.27	15.18		0.0
DFT-s-OFDM 16QAM	1	1	14.97	15.13	15.39	15.24	0-1	0.0
CP-OFDM QPSK	1	1	14.90	15.04	15.24	15.40	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 303 of 321

Table H-374
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.99	15.26	15.16	15.29	15.28	0	0.0
	1	67	15.02	15.11	15.24	15.34	15.16		0.0
	1	131	14.87	15.15	15.27	15.36	15.07		0.0
	64	0	14.91	15.15	15.16	15.30	15.26	0-0.5	0.0
	64	35	14.89	15.11	15.21	15.34	15.20	0	0.0
	64	69	14.85	14.96	15.21	15.32	15.14	0-0.5	0.0
	128	0	14.90	15.08	15.20	15.28	15.19		0.0
DFT-s-OFDM QPSK	1	1	14.96	15.20	15.13	15.25	15.33	0	0.0
	1	67	15.02	15.09	15.22	15.29	15.16		0.0
	1	131	14.94	15.16	15.29	15.33	15.02		0.0
	64	0	14.88	15.14	15.19	15.30	15.27	0-1	0.0
	64	35	14.91	15.13	15.23	15.34	15.21	0	0.0
	64	69	14.85	15.00	15.19	15.31	15.11	0-1	0.0
	128	0	14.88	15.08	15.20	15.31	15.18		0.0
DFT-s-OFDM 16QAM	1	1	14.91	15.44	15.23	15.04	15.39	0-1	0.0
CP-OFDM QPSK	1	1	14.75	15.23	15.17	15.31	15.34	0-1.5	0.0

Table H-375
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	14.97	15.38	15.30	15.37	15.45	15.39	0	0.0
	1	53	14.79	15.24	15.37	15.12	15.24	15.24		0.0
	1	104	14.98	15.15	15.43	15.28	15.28	15.23		0.0
	50	0	14.85	15.23	15.28	15.16	15.25	15.25	0-0.5	0.0
	50	28	14.82	15.17	15.30	15.12	15.30	15.22	0	0.0
	50	56	14.82	15.15	15.36	15.20	15.17	15.25	0-0.5	0.0
	100	0	14.84	15.17	15.38	15.17	15.30	15.21		0.0
DFT-s-OFDM QPSK	1	1	15.00	15.33	15.29	15.32	15.32	15.49	0	0.0
	1	53	14.79	15.17	15.36	15.11	15.10	15.35		0.0
	1	104	14.99	15.08	15.41	15.27	15.20	15.22		0.0
	50	0	14.82	15.18	15.31	15.19	15.25	15.27	0-1	0.0
	50	28	14.85	15.14	15.28	15.16	15.26	15.22	0	0.0
	50	56	14.85	15.13	15.36	15.16	15.16	15.29	0-1	0.0
	100	0	14.84	15.16	15.37	15.15	15.26	15.20		0.0
DFT-s-OFDM 16QAM	1	1	15.09	15.28	15.40	15.23	15.19	15.19	0-1	0.0
CP-OFDM QPSK	1	1	14.97	15.21	15.21	15.19	15.42	15.43	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 305 of 321

Table H-376
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	14.81	15.30	15.18	15.41	15.44	15.23	0	0.0
	1	39	14.87	15.24	15.24	15.24	15.34	15.24		0.0
	1	76	14.90	15.30	15.32	15.33	15.40	15.05		0.0
	36	0	14.82	15.29	15.17	15.26	15.41	15.10	0-0.5	0.0
	36	21	14.89	15.24	15.12	15.20	15.28	15.15	0	0.0
	36	42	14.88	15.24	15.24	15.26	15.28	15.13	0-0.5	0.0
	75	0	14.88	15.26	15.22	15.28	15.39	15.21		0.0
DFT-s-OFDM QPSK	1	1	14.81	15.24	15.12	15.45	15.38	15.25	0	0.0
	1	39	14.82	15.23	15.17	15.28	15.22	15.20		0.0
	1	76	14.86	15.19	15.24	15.34	15.28	15.06		0.0
	36	0	14.86	15.28	15.26	15.30	15.40	15.13	0-1	0.0
	36	21	14.88	15.25	15.23	15.23	15.27	15.16	0	0.0
	36	42	14.94	15.36	15.31	15.29	15.35	15.11	0-1	0.0
	75	0	14.91	15.34	15.36	15.26	15.44	15.17		0.0
DFT-s-OFDM 16QAM	1	1	15.04	15.45	15.15	15.33	15.49	15.18	0-1	0.0
CP-OFDM QPSK	1	1	14.81	15.24	15.12	15.28	15.28	15.22	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 306 of 321

Table H-377
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	647500 (3712.5 MHz)	650900 (3763.5 MHz)	654300 (3814.5 MHz)	657700 (3865.5 MHz)	661100 (3916.5 MHz)	664500 (3967.5 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.99	15.47	15.42	15.40	15.33	15.30	0	0.0
	1	33	14.71	15.10	15.29	15.27	15.18	15.09		0.0
	1	63	15.17	15.35	15.45	15.40	15.20	15.22		0.0
	32	0	14.77	15.21	15.34	15.31	15.41	15.12	0-0.5	0.0
	32	17	14.71	15.14	15.29	15.29	15.24	15.10	0	0.0
	32	33	14.80	15.19	15.31	15.38	15.34	15.13	0-0.5	0.0
	64	0	14.77	15.21	15.35	15.35	15.32	15.16		0.0
DFT-s-OFDM QPSK	1	1	15.03	15.44	15.41	15.37	15.34	15.38	0	0.0
	1	33	14.75	15.08	15.30	15.15	15.23	15.23		0.0
	1	63	15.20	15.30	15.43	15.40	15.25	15.31		0.0
	32	0	14.78	15.22	15.31	15.33	15.40	15.16	0-1	0.0
	32	17	14.72	15.11	15.30	15.30	15.25	15.14	0	0.0
	32	33	14.80	15.16	15.30	15.40	15.33	15.16	0-1	0.0
	64	0	14.76	15.22	15.37	15.37	15.33	15.20		0.0
DFT-s-OFDM 16QAM	1	1	14.84	15.43	15.42	15.20	15.32	15.34	0-1	0.0
CP-OFDM QPSK	1	1	14.75	15.29	15.22	14.88	15.28	15.28	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 307 of 321

Table H-378
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	14.81	15.18	15.16	15.31	15.44	15.21	0	0.0
	1	26	14.74	15.11	15.22	15.28	15.32	15.22		0.0
	1	49	14.76	15.12	15.23	15.38	15.39	15.15		0.0
	25	0	14.75	15.18	15.24	15.28	15.39	15.24	0-0.5	0.0
	25	13	14.75	15.16	15.27	15.30	15.37	15.18	0	0.0
	25	26	14.76	15.19	15.35	15.37	15.41	15.16	0-0.5	0.0
	50	0	14.77	15.15	15.32	15.31	15.34	15.19		0.0
DFT-s-OFDM QPSK	1	1	14.74	15.16	15.17	15.30	15.47	15.24	0	0.0
	1	26	14.69	15.11	15.22	15.25	15.30	15.25		0.0
	1	49	14.74	15.15	15.19	15.36	15.38	15.27		0.0
	25	0	14.74	15.15	15.23	15.33	15.41	15.28	0-1	0.0
	25	13	14.76	15.16	15.28	15.30	15.33	15.20	0	0.0
	25	26	14.75	15.17	15.34	15.34	15.42	15.20	0-1	0.0
	50	0	14.75	15.19	15.26	15.36	15.39	15.25		0.0
DFT-s-OFDM 16QAM	1	1	15.06	15.37	15.19	15.44	15.38	15.24	0-1	0.0
CP-OFDM QPSK	1	1	14.82	15.22	15.12	15.21	15.42	15.11	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 308 of 321

Table H-379
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	14.85	15.22	15.30	15.38	15.48	15.28	0	0.0
	1	19	14.74	15.17	15.32	15.30	15.38	15.20		0.0
	1	36	14.69	15.18	15.31	15.41	15.42	15.19		0.0
	18	0	14.73	15.15	15.29	15.35	15.39	15.18	0-0.5	0.0
	18	10	14.73	15.13	15.33	15.32	15.36	15.20	0	0.0
	18	20	14.72	15.15	15.39	15.35	15.44	15.16	0-0.5	0.0
	36	0	14.78	15.18	15.35	15.34	15.38	15.23		0.0
DFT-s-OFDM QPSK	1	1	14.82	15.14	15.34	15.44	15.36	15.28	0	0.0
	1	19	14.73	15.04	15.30	15.36	15.34	15.22		0.0
	1	36	14.76	15.08	15.32	15.49	15.39	15.17		0.0
	18	0	14.72	15.17	15.29	15.32	15.36	15.24	0-1	0.0
	18	10	14.72	15.15	15.31	15.32	15.34	15.22	0	0.0
	18	20	14.70	15.14	15.32	15.38	15.42	15.20	0-1	0.0
	36	0	14.78	15.18	15.33	15.32	15.37	15.19		0.0
DFT-s-OFDM 16QAM	1	1	14.92	15.45	15.46	15.18	15.33	15.19	0-1	0.0
CP-OFDM QPSK	1	1	14.88	15.15	15.25	15.43	15.40	15.17	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 309 of 321

Table H-380
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	14.87	15.20	15.16	15.22	15.30	15.00	0	0.0
	1	12	14.77	15.10	15.25	15.31	15.42	14.99		0.0
	1	22	14.81	15.02	15.21	15.27	15.29	14.96		0.0
	12	0	14.76	15.07	15.22	15.25	15.23	14.97	0-0.5	0.0
	12	6	14.72	15.08	15.25	15.27	15.26	14.99	0	0.0
	12	12	14.70	15.00	15.23	15.22	15.27	14.97	0-0.5	0.0
	24	0	14.80	15.06	15.20	15.24	15.24	14.96		0.0
DFT-s-OFDM QPSK	1	1	14.79	15.20	15.22	15.21	15.05	14.94	0	0.0
	1	12	14.72	15.13	15.32	15.30	15.11	14.92		0.0
	1	22	14.71	15.03	15.26	15.24	15.08	14.94		0.0
	12	0	14.79	15.06	15.20	15.24	15.26	14.96	0-1	0.0
	12	6	14.75	15.10	15.25	15.28	15.28	14.93	0	0.0
	12	12	14.78	15.02	15.20	15.26	15.26	14.97	0-1	0.0
	24	0	14.72	15.04	15.18	15.24	15.28	14.98		0.0
DFT-s-OFDM 16QAM	1	1	14.92	15.08	15.29	15.32	15.16	14.92	0-1	0.0
CP-OFDM QPSK	1	1	14.89	15.16	15.14	15.14	15.16	14.88	0-1.5	0.0

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 310 of 321

H.2.4 NR Band n77 C-Band Antenna C, I, D

Table H-381

NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.10	15.38	15.77
SRS #4 Ant D	15.29	15.45	15.71

Table H-382

NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.16	15.40	15.81
SRS #4 Ant D	15.26	15.46	15.72

Table H-383

NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.02	15.27	15.48	15.64
SRS #4 Ant D	15.38	15.61	15.75	15.73

Table H-384
NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.06	15.36	15.59	15.85
SRS #4 Ant D	15.36	15.66	15.82	15.88

Table H-385
NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.25	15.15	15.51	15.70	15.94
SRS #4 Ant D	15.24	15.24	15.58	15.73	15.94

Table H-386
NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.49	15.45	15.78	15.79	15.97	15.99
SRS #4 Ant D	15.42	15.55	15.83	15.77	15.98	15.97

Table H-387
NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.47	15.47	15.78	15.76	15.87	15.93
SRS #4 Ant D	15.37	15.57	15.83	15.78	15.91	15.98

Table H-388
NR Band n77 C-Band Antenna C, D Measured P_{Limit} for all DSI - 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth						
Channel						
Modulation	647500 (3712.5 MHz)	650900 (3763.5 MHz)	654300 (3814.5 MHz)	657700 (3865.5 MHz)	661100 (3916.5 MHz)	664500 (3967.5 MHz)
	Conducted Power [dBm]					
SRS #2 Ant C	15.29	15.36	15.73	15.84	15.91	15.97
SRS #4 Ant D	15.34	15.55	15.87	15.89	15.88	15.91

Table H-389
NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.30	15.45	15.77	15.88	15.97	15.96
SRS #4 Ant D	15.33	15.64	15.90	15.97	15.96	15.99

Table H-390
NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.42	15.51	15.80	15.93	15.88	15.98
SRS #4 Ant D	15.30	15.62	15.90	15.98	15.88	15.93

Table H-391
NR Band n77 C-Band Antenna C, D 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 #2 Ant C	15.30	15.49	15.67	15.81	15.98	15.95
SRS #4 Ant D	15.15	15.60	15.81	15.88	15.89	15.92

Table H-392
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	16.84	16.63	16.68

Table H-393

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 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 I	16.88	16.63	16.70

Table H-394

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 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 I	16.94	16.82	16.78	16.80

Table H-395

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 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 I	16.95	16.89	16.89	16.71

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 315 of 321

Table H-396

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	16.94	16.60	16.76	16.74	16.78

Table H-397

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	17.14	17.04	17.10	16.90	17.00	16.87

Table H-398

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	17.15	17.01	17.10	16.93	17.06	16.98

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 316 of 321

Table H-399

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth						
Channel						
Modulation	647500 (3712.5 MHz)	650900 (3763.5 MHz)	654300 (3814.5 MHz)	657700 (3865.5 MHz)	661100 (3916.5 MHz)	664500 (3967.5 MHz)
	Conducted Power [dBm]					
SRS #3 Ant I	17.05	16.98	17.09	17.01	16.97	16.88

Table H-400

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 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 I	17.08	17.04	17.11	17.05	17.01	16.93

Table H-401

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active)
- 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 I	17.03	17.03	17.10	17.03	17.00	16.94

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 317 of 321

Table H-402

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Hotspot Mode), DSI = 1 (Phablet with grip sensor active), and/or DSI = 4 (Earjack Active) - 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 I	16.98	17.04	16.99	16.95	16.91	16.74

Table H-403

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	15.92	15.91	15.85

Table H-404

NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	15.95	15.88	15.74

FCC ID: A3LSMS916U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 318 of 321

Table H-405
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	15.98	16.05	15.97	15.77

Table H-406
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	15.97	16.04	15.99	15.88

Table H-407
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.02	15.85	16.00	16.00	15.85

Table H-408
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.26	16.26	16.38	16.19	16.18	15.98

Table H-409
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.23	16.25	16.34	16.16	16.16	16.04

Table H-410
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth						
Channel						
Modulation	647500 (3712.5 MHz)	650900 (3763.5 MHz)	654300 (3814.5 MHz)	657700 (3865.5 MHz)	661100 (3916.5 MHz)	664500 (3967.5 MHz)
	Conducted Power [dBm]					
SRS #3 Ant I	16.13	16.16	16.25	16.20	16.19	16.03

Table H-411
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	15.85	16.00	16.11	16.05	16.02	15.95

Table H-412
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.10	16.16	16.20	16.17	16.13	16.00

Table H-413
NR Band n77 C-Band Antenna I Measured P_{Limit} for DSI = 2 (Head) - 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 I	16.00	16.07	16.10	16.03	16.03	15.76