

# APPENDIX I: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS




All conducted power measurements for 4G/5G Sub6 WWAN technologies and bands in this section were performed by setting *Reserve\_power\_margin* (Qualcomm® Smart Transmit EFS entry) to 0 dB, so that the EUT transmits continuously at minimum (P<sub>limit</sub>, maximum tune up output power P<sub>max</sub>).

## I.1 LTE Lower Bandwidth RF Conducted Powers

### I.1.1 LTE Band 71

**Table I-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	24.96	0	0
	1	36	24.92		0
	1	74	24.93		0
	36	0	23.72	0-1	1
	36	18	23.78		1
	36	37	23.71		1
	75	0	23.70		1
16QAM	1	0	23.99	0-1	1
	1	36	23.96		1
	1	74	23.92		1
	36	0	22.75	0-2	2
	36	18	22.81		2
	36	37	22.78		2
	75	0	22.76		2
64QAM	1	0	23.00	0-2	2
	1	36	23.07		2
	1	74	22.93		2
	36	0	21.75	0-3	3
	36	18	21.80		3
	36	37	21.73		3
	75	0	21.84		3
256QAM	1	0	19.72	0-5	5
	1	36	19.94		5
	1	74	19.74		5
	36	0	19.68		5
	36	18	19.80		5
	36	37	19.77		5
	75	0	19.69		5



FCC ID A3LSMS908U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 1 of 123

**Table I-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	25.20	24.95	24.71	0	0
	1	25	25.16	24.95	24.75		0
	1	49	24.96	24.94	24.69		0
	25	0	23.89	23.81	23.77	0-1	1
	25	12	23.98	23.84	23.87		1
	25	25	23.90	23.79	23.80		1
16QAM	50	0	23.87	23.80	23.74	0-1	1
	1	0	24.25	24.18	24.01		1
	1	25	24.17	24.16	24.04		1
	1	49	24.10	24.10	23.88	0-2	1
	25	0	22.90	22.83	22.77		2
	25	12	22.97	22.92	22.88		2
64QAM	25	25	22.91	22.86	22.81	0-2	2
	50	0	22.89	22.81	22.76		2
	1	0	23.16	23.09	23.15		2
	1	25	23.25	23.19	23.10	0-3	2
	1	49	23.18	23.14	23.00		2
	25	0	21.91	21.84	21.81		3
256QAM	25	12	21.99	21.86	21.87	0-3	3
	25	25	21.92	21.82	21.80		3
	50	0	21.91	21.78	21.75		3
	1	0	19.78	19.77	19.65	0-5	5
	1	25	20.10	20.08	19.97		5
	1	49	19.77	19.83	19.65		5
25	0	19.78	19.72	19.65	5		
25	12	19.95	19.88	19.82	5		
25	25	19.92	19.85	19.77	5		
50	0	19.93	19.80	19.75	5		

**Table I-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	25.07	24.91	24.66	0	0
	1	12	25.21	25.14	24.87		0
	1	24	25.15	24.99	24.76		0
	12	0	24.04	23.74	23.74	0-1	1
	12	6	24.05	23.84	23.80		1
	12	13	23.99	23.89	23.79		1
16QAM	25	0	24.00	23.83	23.74	0-1	1
	1	0	24.36	24.05	23.99		1
	1	12	24.41	24.16	24.22		1
	1	24	24.45	24.05	24.15	0-2	1
	12	0	23.10	22.77	22.75		2
	12	6	23.12	22.92	22.80		2
64QAM	12	13	23.06	22.89	22.86	0-2	2
	25	0	23.04	22.86	22.77		2
	1	0	23.19	22.99	22.92		2
	1	12	23.40	23.12	23.04	0-3	2
	1	24	23.30	23.04	23.04		2
	12	0	22.06	21.83	21.73		3
256QAM	12	6	22.08	21.93	21.80	0-3	3
	12	13	22.03	21.90	21.88		3
	25	0	22.03	21.80	21.80		3
	1	0	20.04	19.82	19.75	0-5	5
	1	12	20.23	19.97	19.96		5
	1	24	20.19	20.04	19.88		5
12	0	20.03	19.71	19.68	5		
12	6	20.11	19.87	19.80	5		
12	13	20.06	19.81	19.82	5		
25	0	20.03	19.85	19.73	5		

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 2 of 123



## I.1.2 LTE Band 12

**Table I-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	24.72	24.68	24.76	0	0	
	1	12	24.83	24.80	24.85		0	
	1	24	24.63	24.73	24.75		0	
	12	0	23.75	23.75	23.70	0-1	1	
	12	6	23.82	23.83	23.78		1	
	12	13	23.76	23.77	23.74		1	
16QAM	25	0	23.80	23.81	23.76	0-1	1	
	1	0	23.68	24.04	24.03		1	
	1	12	23.78	24.11	24.16		1	
	1	24	23.70	24.04	23.90	0-2	1	
	12	0	22.74	22.74	22.73		2	
	12	6	22.84	22.84	22.86		2	
64QAM	12	13	22.77	22.76	22.78	0-2	2	
	25	0	22.83	22.77	22.74		2	
	1	0	22.99	22.93	22.95		2	
	1	12	23.00	23.12	22.87	0-2	2	
	1	24	22.94	23.04	22.82		2	
	12	0	21.77	21.71	21.77		0-3	3
12	6	21.86	21.80	21.80	3			
12	13	21.80	21.86	21.76	3			
256QAM	25	0	21.78	21.80	21.75	0-3	3	
	1	0	20.00	19.81	19.62		0-5	5
	1	12	19.94	19.98	19.87			5
	1	24	19.71	19.76	19.80	5		
	12	0	19.73	19.74	19.74	5		
	12	6	19.77	19.82	19.84	5		
12	13	19.76	19.73	19.75	5			
25	0	19.76	19.72	19.76	5			



**Table I-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	24.75	24.64	24.60	0	0	
	1	7	24.71	24.68	24.65		0	
	1	14	24.64	24.62	24.56		0	
	8	0	23.75	23.61	23.59	0-1	1	
	8	4	23.77	23.69	23.66		1	
	8	7	23.74	23.65	23.61		1	
16QAM	15	0	23.79	23.70	23.64	0-1	1	
	1	0	24.06	23.87	23.85		1	
	1	7	23.96	23.95	23.82		1	
	1	14	23.85	23.86	23.84	0-2	1	
	8	0	22.85	22.67	22.63		2	
	8	4	22.83	22.76	22.68		2	
64QAM	8	7	22.79	22.70	22.65	0-2	2	
	15	0	22.76	22.74	22.70		2	
	1	0	22.92	22.86	22.72		2	
	1	7	22.89	22.87	22.83	0-2	2	
	1	14	22.79	22.75	22.73		2	
	8	0	21.81	21.65	21.62		0-3	3
8	4	21.84	21.70	21.68	3			
8	7	21.74	21.69	21.64	3			
256QAM	15	0	21.78	21.64	21.66	0-3	3	
	1	0	19.78	19.66	19.72		0-5	5
	1	7	19.80	19.76	19.75			5
	1	14	19.70	19.68	19.62	5		
	8	0	19.75	19.64	19.65	5		
	8	4	19.79	19.70	19.68	5		
8	7	19.72	19.63	19.66	5			
15	0	19.76	19.72	19.70	5			

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 3 of 123

**Table I-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	24.73	24.68	24.56	0	0
	1	2	24.80	24.67	24.61		0
	1	5	24.75	24.65	24.58		0
	3	0	24.77	24.64	24.60		0
	3	2	24.74	24.62	24.62		0
	3	3	24.73	24.61	24.55		0
16QAM	1	0	23.72	23.61	23.59	0-1	1
	1	2	23.96	23.78	23.73	0-1	1
	1	5	24.03	23.84	23.85		1
	1	0	23.87	23.82	23.71		1
	3	0	23.82	23.71	23.76		1
	3	2	23.78	23.75	23.69		1
3	3	23.81	23.69	23.72	1		
64QAM	6	0	22.75	22.65	22.62	0-2	2
	1	0	22.84	22.68	22.69	0-2	2
	1	2	22.87	22.80	22.66		2
	1	5	22.76	22.74	22.65		2
	3	0	22.79	22.71	22.70		2
	3	2	22.73	22.73	22.63		2
3	3	22.78	22.68	22.65	2		
256QAM	6	0	21.74	21.65	21.61	0-3	3
	1	0	19.68	19.66	19.59	0-5	5
	1	2	19.75	19.65	19.72		5
	1	5	19.78	19.58	19.66		5
	3	0	19.73	19.68	19.64		5
	3	2	19.71	19.64	19.60		5
3	3	19.75	19.67	19.65	5		
	6	0	19.68	19.59	19.62		5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 4 of 123

### I.1.3 LTE Band 13

**Table I-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	24.72	0	0
	1	12	24.80		0
	1	24	24.63		0
	12	0	23.46	0-1	1
	12	6	23.57		1
	12	13	23.53		1
25	0	23.45	1		
16QAM	1	0	23.46	0-1	1
	1	12	23.78		1
	1	24	23.77		1
	12	0	22.51	0-2	2
	12	6	22.63		2
	12	13	22.57		2
25	0	22.54	2		
64QAM	1	0	22.51	0-2	2
	1	12	22.83		2
	1	24	22.68		2
	12	0	21.41	0-3	3
	12	6	21.51		3
	12	13	21.49		3
25	0	21.49	3		
256QAM	1	0	19.48	0-5	5
	1	12	19.46		5
	1	24	19.56		5
	12	0	19.38		5
	12	6	19.51		5
	12	13	19.46		5
	25	0	19.50	5	

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 5 of 123

### I.1.4 LTE Band 14

**Table I-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	24.55	0	0
	1	12	24.69		0
	1	24	24.57		0
	12	0	23.46	0-1	1
	12	6	23.55		1
	12	13	23.42		1
	25	0	23.48		1
16QAM	1	0	23.72	0-1	1
	1	12	23.90		1
	1	24	23.79		1
	12	0	22.47	0-2	2
	12	6	22.54		2
	12	13	22.49		2
	25	0	22.47		2
64QAM	1	0	22.52	0-2	2
	1	12	22.57		2
	1	24	22.64		2
	12	0	21.35	0-3	3
	12	6	21.42		3
	12	13	21.36		3
	25	0	21.43		3
256QAM	1	0	19.47	0-5	5
	1	12	19.51		5
	1	24	19.47		5
	12	0	19.45		5
	12	6	19.49		5
	12	13	19.42		5
	25	0	19.49		5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 6 of 123



I.1.5 LTE Band 26

**Table I-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	24.31	24.22	24.11	0	0
	1	25	24.25	24.20	24.08		0
	1	49	24.13	24.11	23.97		0
	25	0	23.09	23.04	22.88	0-1	1
	25	12	23.23	23.12	22.95		1
	25	25	23.17	23.14	22.94		1
16QAM	50	0	23.18	23.06	22.87	0-1	1
	1	0	23.47	23.41	23.33		1
	1	25	23.48	23.48	23.26		1
	1	49	23.36	23.37	23.22	0-2	1
	25	0	22.10	22.04	21.87		2
	25	12	22.28	22.09	21.96		2
64QAM	25	25	22.16	22.14	21.95	0-2	2
	50	0	22.16	22.06	21.90		2
	1	0	22.45	22.36	22.15		2
	1	25	22.43	22.42	22.18	0-3	2
	1	49	22.34	22.25	22.06		2
	25	0	21.10	21.05	20.96		3
256QAM	25	12	21.31	21.08	20.98	0-3	3
	25	25	21.18	21.12	20.95		3
	50	0	21.20	21.04	20.93		3
	1	0	18.96	18.88	18.86	0-5	5
	1	25	19.34	19.32	19.14		5
	1	49	19.10	18.98	18.84		5
25	0	19.11	19.07	18.92	5		
25	12	19.27	19.12	19.00	5		
25	25	19.20	19.15	18.96	5		
50	0	19.20	19.03	18.93	5		

**Table I-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	24.13	24.21	24.05	0	0
	1	12	24.26	24.29	24.11		0
	1	24	24.15	24.19	23.97		0
	12	0	23.18	23.09	22.95	0-1	1
	12	6	23.27	23.14	23.05		1
	12	13	23.24	23.16	22.98		1
16QAM	25	0	23.28	23.10	22.95	0-1	1
	1	0	23.35	23.39	23.32		1
	1	12	23.57	23.52	23.23		1
	1	24	23.47	23.46	23.20	0-2	1
	12	0	22.21	22.17	22.01		2
	12	6	22.30	22.19	22.05		2
64QAM	12	13	22.28	22.25	21.98	0-2	2
	25	0	22.26	22.14	21.97		2
	1	0	22.33	22.46	22.16		0-2
	1	12	22.46	22.55	22.11	2	
	1	24	22.37	22.34	22.09	2	
	256QAM	12	0	21.18	21.10	20.99	0-3
12		6	21.30	21.16	21.03	3	
12		13	21.25	21.18	21.00	3	
25		0	21.23	21.11	21.02	0-5	3
1		0	19.22	19.07	19.04		5
1		12	19.42	19.39	19.14		5
256QAM	1	24	19.24	19.21	19.05	0-5	5
	12	0	19.18	19.11	19.03		5
	12	6	19.35	19.16	19.07		5
	12	13	19.31	19.19	19.04	5	
	25	0	19.27	19.20	18.95	5	



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 7 of 123

**Table I-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	24.13	24.15	23.92	0	0
	1	7	24.28	24.25	24.00		0
	1	14	24.16	24.16	23.92		0
	8	0	23.27	23.08	22.94	0-1	1
	8	4	23.29	23.15	23.00		1
	8	7	23.33	23.22	22.97		1
16QAM	15	0	23.23	23.14	22.91	0-1	1
	1	0	23.49	23.47	23.20		1
	1	7	23.52	23.48	23.25		1
	1	14	23.45	23.43	23.15	0-2	1
	8	0	22.30	22.19	21.97		2
	8	4	22.34	22.15	22.06		2
64QAM	8	7	22.28	22.21	22.02	0-2	2
	15	0	22.29	22.14	21.95		2
	1	0	22.38	22.29	22.12		2
	1	7	22.42	22.35	22.20	0-3	2
	1	14	22.26	22.34	22.03		2
	8	0	21.30	21.14	20.94		3
256QAM	8	4	21.31	21.17	21.06	0-3	3
	8	7	21.28	21.19	21.03		3
	15	0	21.26	21.14	20.91		3
	1	0	19.18	19.20	18.96	0-5	5
	1	7	19.38	19.32	19.13		5
	1	14	19.33	19.19	18.97		5
8	0	19.31	19.17	18.92	5		
8	4	19.32	19.22	19.01	5		
8	7	19.34	19.25	19.06	5		
	15	0	19.28	19.14	18.90	5	

**Table I-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	24.29	24.30	24.11	0	0
	1	2	24.36	24.45	24.16		0
	1	5	24.29	24.31	24.08		0
	3	0	24.32	24.25	24.07	0-1	0
	3	2	24.28	24.30	24.05		0
	3	3	24.22	24.17	24.03		0
16QAM	6	0	23.25	23.13	23.02	0-1	1
	1	0	23.60	23.36	23.23		1
	1	2	23.55	23.39	23.10		1
	1	5	23.37	23.49	23.27	0-1	1
	3	0	23.17	23.32	23.17		1
	3	2	23.41	23.44	23.20		1
64QAM	3	3	23.29	23.38	23.16	0-2	1
	6	0	22.38	22.17	22.09		2
	1	0	22.42	22.36	22.24		0-2
	1	2	22.40	22.29	22.14	2	
	1	5	22.47	22.38	22.25	2	
	256QAM	3	0	22.50	22.41	22.18	0-3
3		2	22.25	22.36	22.12	2	
3		3	22.39	22.21	22.10	2	
6		0	21.35	21.19	21.12	0-5	3
1		0	19.28	19.39	19.15		5
1		2	19.43	19.47	19.23		5
1	5	19.33	19.41	19.10	5		
3	0	19.35	19.25	19.07	5		
3	2	19.31	19.28	19.10	5		
	3	3	19.46	19.34	19.06	5	
	6	0	19.36	19.31	19.11	5	

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 8 of 123





I.1.6 LTE Band 5 (Cell)

Table I-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	24.00	23.93	23.96	0	0	
	1	12	24.20	23.98	23.96		0	
	1	24	23.91	23.95	23.99		0	
	12	0	23.12	22.87	22.83	0-1	1	
	12	6	23.16	22.91	22.83		1	
	12	13	23.13	22.96	22.94		1	
16QAM	25	0	23.13	22.88	22.83	0-1	1	
	1	0	23.15	23.01	23.02		1	
	1	12	23.21	23.05	23.10		1	
	1	24	23.06	23.01	22.90	0-2	1	
	12	0	22.12	21.91	21.90		2	
	12	6	22.13	21.93	21.89		2	
64QAM	12	13	22.08	21.97	21.90	0-2	2	
	25	0	22.08	21.93	21.88		2	
	1	0	22.25	21.97	21.96		2	
	1	12	22.20	22.12	22.10	0-2	2	
	1	24	22.12	22.06	22.12		2	
	12	0	21.12	20.96	20.85		0-3	3
12	6	21.16	20.92	20.91	3			
12	13	21.14	20.95	20.92	3			
256QAM	25	0	21.08	20.93	20.81	0-3	3	
	1	0	19.21	19.06	19.02		0-5	5
	1	12	19.40	19.12	19.12			5
	1	24	19.18	19.07	19.01	5		
	12	0	19.16	19.06	18.82	5		
	12	6	19.14	19.01	18.90	5		
12	13	19.10	19.05	18.91	5			
	25	0	19.17	18.96	18.86	5		



Table I-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	24.08	24.02	23.82	0	0	
	1	7	24.20	24.18	23.95		0	
	1	14	24.08	23.92	23.82		0	
	8	0	23.12	22.94	22.85	0-1	1	
	8	4	23.15	23.02	22.86		1	
	8	7	23.13	22.98	22.93		1	
16QAM	15	0	23.13	23.02	22.84	0-1	1	
	1	0	23.13	23.07	22.90		1	
	1	7	23.19	23.15	23.00		1	
	1	14	23.20	23.05	22.92	0-2	1	
	8	0	22.20	21.96	21.83		2	
	8	4	22.18	22.06	21.83		2	
64QAM	8	7	22.20	22.04	21.95	0-2	2	
	15	0	22.12	22.04	21.90		2	
	1	0	22.15	22.03	21.93		2	
	1	7	22.22	22.15	22.05	0-2	2	
	1	14	22.15	22.02	22.12		2	
	8	0	21.16	21.09	20.83		0-3	3
8	4	21.29	21.08	20.86	3			
8	7	21.22	21.06	21.03	3			
256QAM	15	0	21.10	21.04	20.87	0-3	3	
	1	0	19.16	18.98	18.83		0-5	5
	1	7	19.20	19.20	19.13			5
	1	14	19.11	19.21	18.95	5		
	8	0	19.16	19.01	18.94	5		
	8	4	19.20	19.10	18.95	5		
8	7	19.11	19.04	18.96	5			
	15	0	19.11	19.02	18.87	5		

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 9 of 123

**Table I-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	24.14	24.06	24.05	0	0
	1	2	24.08	24.11	24.07		0
	1	5	24.07	24.09	24.18		0
	3	0	24.10	24.05	23.87		0
	3	2	24.10	24.18	23.91		0
	3	3	24.12	24.08	23.91		0
16QAM	6	0	23.16	23.01	22.91	0-1	1
	1	0	23.18	23.34	23.04	0-1	1
	1	2	23.25	23.35	23.02		1
	1	5	23.12	23.15	23.00		1
	3	0	23.24	23.11	23.02		1
	3	2	23.31	23.09	23.00		1
3	3	23.22	23.17	23.12	1		
64QAM	6	0	22.18	22.05	22.01	0-2	2
	1	0	22.20	22.10	22.28	0-2	2
	1	2	22.23	22.11	22.02		2
	1	5	22.25	22.18	22.05		2
	3	0	22.25	22.19	22.12		2
	3	2	22.21	22.15	22.04		2
3	3	22.23	22.12	22.19	2		
256QAM	6	0	21.15	21.11	21.00	0-3	3
	1	0	19.43	19.20	19.05	0-5	5
	1	2	19.20	19.15	19.02		5
	1	5	19.16	19.18	19.01		5
	3	0	19.18	19.14	19.01		5
	3	2	19.25	19.16	19.09		5
3	3	19.17	19.15	19.17	5		
	6	0	19.34	19.04	19.05		5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 10 of 123



### I.1.7 LTE Band 66 (AWS)

**Table I-16**  
**LTE Band 66 (AWS) Measured  $P_{Max}$  – 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	23.15	23.08	23.12	0	0
	1	36	23.30	23.12	23.20		0
	1	74	23.06	23.02	23.21		0
	36	0	22.03	22.01	21.85	0-1	1
	36	18	22.13	22.11	21.91		1
	36	37	22.18	22.00	21.92		1
16QAM	75	0	22.18	22.04	21.92	0-1	1
	1	0	22.12	22.19	22.34		1
	1	36	22.18	22.38	21.92		1
	1	74	22.13	22.02	21.76	0-2	1
	36	0	21.01	21.00	20.90		2
	36	18	21.23	21.02	20.88		2
64QAM	36	37	21.22	21.04	20.87	0-2	2
	75	0	21.18	21.01	20.85		2
	1	0	21.08	20.91	21.04		2
	1	36	21.23	21.12	21.22	0-3	2
	1	74	21.19	21.04	21.02		2
	36	0	20.16	20.00	19.92		3
256QAM	36	18	20.18	20.01	19.95	0-3	3
	36	37	20.15	20.02	19.85		3
	75	0	20.14	19.95	19.83		3
	1	0	18.02	18.01	17.86	0-5	5
	1	36	18.29	18.16	17.92		5
	1	74	18.17	18.05	17.77		5
36	0	18.04	18.04	17.87	5		
36	18	18.32	18.02	17.86	5		
36	37	18.15	18.01	17.83	5		
75	0	18.18	18.01	17.84	5		

**Table I-17**  
**LTE Band 66 (AWS) Measured  $P_{Max}$  – 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	23.32	23.15	23.05	0	0
	1	12	23.30	23.08	23.09		0
	1	24	23.28	22.91	22.90		0
	12	0	22.32	22.03	22.02	0-1	1
	12	6	22.34	22.01	22.01		1
	12	13	22.23	22.00	22.01		1
16QAM	25	0	22.38	21.95	21.97	0-1	1
	1	0	22.31	22.01	22.02		1
	1	12	22.46	22.20	22.20		1
	1	24	22.35	22.11	22.08	0-2	1
	12	0	21.32	21.04	21.01		2
	12	6	21.38	21.05	21.04		2
64QAM	12	13	21.30	21.04	21.01	0-2	2
	25	0	21.32	21.00	20.97		2
	1	0	21.38	21.05	21.12		2
	1	12	21.43	21.13	21.23	0-3	2
	1	24	21.36	21.01	21.03		2
	12	0	20.34	20.01	20.02		3
256QAM	12	6	20.33	20.13	20.02	0-3	3
	12	13	20.32	20.01	20.01		3
	25	0	20.30	19.96	19.97		3
	1	0	18.32	18.12	18.10	0-5	5
	1	12	18.42	18.08	18.22		5
	1	24	18.16	18.04	18.35		5
12	0	18.31	18.05	18.01	5		
12	6	18.40	18.02	18.07	5		
12	13	18.33	18.01	18.03	5		
25	0	18.29	18.01	17.97	5		



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 11 of 123

**Table I-18**  
**LTE Band 66 (AWS) Measured  $P_{Max}$  – 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	23.20	23.10	23.01	0	0
	1	7	23.27	23.27	23.09		0
	1	14	23.10	23.15	22.90		0
	8	0	22.35	22.28	22.01	0-1	1
	8	4	22.31	22.22	21.99		1
	8	7	22.30	22.17	21.97		1
16QAM	15	0	22.30	22.19	22.04	0-1	1
	1	0	22.31	22.21	21.95		1
	1	7	22.42	22.35	22.01		1
	1	14	22.40	22.21	22.12	0-2	1
	8	0	21.31	21.30	21.03		2
	8	4	21.36	21.21	21.05		2
64QAM	8	7	21.30	21.22	20.94	0-2	2
	15	0	21.30	21.25	21.01		2
	1	0	21.40	21.32	21.07		0-2
	1	7	21.51	21.35	21.10	2	
	1	14	21.30	21.29	21.21	2	
	256QAM	8	0	20.30	20.21	20.12	0-3
8		4	20.35	20.25	20.01	3	
8		7	20.32	20.20	19.97	3	
15		0	20.24	20.20	19.98	0-5	3
1		0	18.35	18.23	18.03		5
1		7	18.33	18.27	18.12		5
256QAM	1	14	18.40	18.20	18.05	0-5	5
	8	0	18.34	18.26	18.10		5
	8	4	18.31	18.27	18.01		5
	8	7	18.25	18.22	18.01	5	
	15	0	18.35	18.23	18.01	5	

**Table I-19**  
**LTE Band 66 (AWS) Measured  $P_{Max}$  – 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	23.35	23.09	23.01	0	0	
	1	2	23.41	23.08	23.01		0	
	1	5	23.31	23.18	22.95		0	
	3	0	23.30	23.17	22.92	0-1	0	
	3	2	23.28	23.20	22.92		0	
	3	3	23.25	23.18	23.00		0	
16QAM	6	0	22.30	22.20	22.00	0-1	1	
	1	0	22.23	22.22	22.00		1	
	1	2	22.35	22.38	22.15		1	
	1	5	22.45	22.31	21.95	0-1	1	
	3	0	22.35	22.25	22.05		1	
	3	2	22.32	22.23	22.05		1	
64QAM	3	3	22.32	22.16	22.04	0-2	1	
	6	0	21.32	21.28	21.05		2	
	1	0	21.31	21.34	21.05		0-2	2
	1	2	21.50	21.30	21.13	2		
	1	5	21.38	21.20	20.96	2		
	256QAM	3	0	21.34	21.31	21.00	0-2	2
3		2	21.30	21.28	21.02	2		
3		3	21.32	21.18	20.94	2		
6		0	20.33	20.16	19.92	0-3	3	
1		0	18.30	18.30	18.01		0-5	5
1		2	18.34	18.29	18.05			5
1	5	18.29	18.22	18.10	5			
3	0	18.38	18.23	17.96	5			
3	2	18.40	18.19	18.01	5			
3	3	18.28	18.31	18.01	5			
256QAM	6	0	18.25	18.21	18.01	0-5	5	



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 12 of 123

**Table I-20**  
**LTE Band 66 (AWS) 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	19.99	19.78	20.02	0	0	
	1	36	20.17	19.73	19.95		0	
	1	74	19.97	19.69	19.77		0	
	QPSK	36	0	20.05	19.98	19.88	0-1	0
		36	18	20.11	19.96	19.89		0
		36	37	20.10	19.93	19.80		0
		75	0	20.08	19.92	19.80		0
1		0	20.10	20.11	20.15	0		
16QAM	1	36	20.30	20.21	20.20	0-1	0	
	1	74	20.24	20.08	20.06		0	
	36	0	20.06	20.00	19.92		0	
	16QAM	36	18	20.18	20.05	19.90	0-2	0
		36	37	20.14	19.95	19.85		0
		75	0	20.12	19.98	19.82		0
		1	0	20.14	20.05	20.10		0-2
1		36	20.17	20.24	20.09	0		
1	74	20.18	20.09	20.07	0			
64QAM	36	0	20.16	20.07	20.09	0-3	0	
	36	18	20.24	20.06	20.18		0	
	36	37	20.23	20.10	20.08		0	
	75	0	20.21	20.09	20.13	0		
	256QAM	1	0	18.82	18.51	18.37	0-5	1.2
		1	36	18.83	18.88	18.83		1.2
		1	74	18.86	18.58	18.34		1.2
36		0	18.69	18.64	18.55	1.2		
36		18	18.71	18.62	18.72	1.2		
36		37	18.72	18.55	18.63	1.2		
75		0	18.79	18.63	18.63	1.2		

**Table I-21**  
**LTE Band 66 (AWS) 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	20.06	19.95	19.91	0	0	
	1	12	20.18	20.03	19.86		0	
	1	24	20.08	19.94	19.78		0	
	QPSK	12	0	20.27	20.07	19.97	0-1	0
		12	6	20.29	20.26	19.94		0
		12	13	20.19	20.16	19.88		0
		25	0	20.26	20.09	19.91		0
1		0	20.15	20.03	20.10	0		
16QAM	1	12	20.32	20.52	20.18	0-1	0	
	1	24	20.15	20.00	19.94		0	
	12	0	20.29	20.13	20.10		0	
	16QAM	12	6	20.36	20.21	20.02	0-2	0
		12	13	20.31	20.19	19.96		0
		25	0	20.29	20.11	19.98		0
		1	0	20.10	20.06	19.91		0-2
1		12	20.22	20.02	20.06	0		
1	24	20.12	19.84	19.91	0			
64QAM	12	0	20.19	20.13	19.87	0-3	0	
	12	6	20.30	20.29	19.96		0	
	12	13	20.27	20.13	19.94		0	
	25	0	20.22	20.11	20.02	0		
	256QAM	1	0	18.67	18.57	18.46	0-5	1.2
		1	12	18.61	18.62	18.41		1.2
		1	24	18.30	18.73	18.16		1.2
12		0	18.74	18.67	18.49	1.2		
12		6	18.79	18.69	18.53	1.2		
12		13	18.72	18.57	18.28	1.2		
25		0	18.78	18.66	18.49	1.2		



FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 13 of 123

**Table I-22**  
**LTE Band 66 (AWS) 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	20.12	20.04	20.05	0	0
	1	7	20.30	20.14	20.04		0
	1	14	20.18	20.03	19.76		0
	8	0	20.28	20.22	20.04	0-1	0
	8	4	20.29	20.28	20.02		0
	8	7	20.24	20.24	19.98		0
16QAM	15	0	20.25	20.23	19.96	0-1	0
	1	0	20.27	20.11	20.02		0
	1	7	20.23	20.31	20.01		0
	1	14	20.43	20.19	20.16	0-2	0
	8	0	20.36	20.27	20.11		0
	8	4	20.18	20.38	20.02		0
64QAM	8	7	20.24	20.14	19.94	0-2	0
	15	0	20.19	20.26	20.08		0
	1	0	20.29	20.00	20.20		0-2
	1	7	20.28	20.06	19.97	0	
	1	14	20.18	20.18	19.95	0	
	256QAM	8	0	20.23	20.25	20.14	0-3
8		4	20.16	20.18	20.18	0	
8		7	20.15	20.17	20.03	0	
15		0	20.26	20.19	19.96	0-5	0
1		0	18.81	18.64	18.21		1.2
1		7	18.51	18.66	18.40		1.2
256QAM	1	14	18.68	18.63	18.38	0-5	1.2
	8	0	18.66	18.85	18.52		1.2
	8	4	18.74	18.72	18.63		1.2
	8	7	18.77	18.78	18.26	1.2	
	15	0	18.65	18.75	18.35	1.2	

**Table I-23**  
**LTE Band 66 (AWS) 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	20.07	20.06	20.10	0	0	
	1	2	20.23	20.14	19.99		0	
	1	5	20.28	20.06	19.98		0	
	3	0	20.26	20.15	20.12	0-1	0	
	3	2	20.28	20.24	20.06		0	
	3	3	20.15	20.19	19.99		0	
16QAM	6	0	20.13	20.23	20.09	0-1	0	
	1	0	20.17	20.16	20.05		0	
	1	2	20.44	20.01	20.19		0	
	1	5	20.10	20.18	20.05	0-1	0	
	3	0	20.25	20.28	20.14		0	
	3	2	20.41	20.23	20.07		0	
64QAM	3	3	20.23	20.26	20.09	0-2	0	
	6	0	20.29	20.22	20.07		0	
	1	0	20.32	20.27	20.19		0-2	0
	1	2	20.04	20.33	20.05	0		
	1	5	20.09	20.01	19.97	0		
	256QAM	3	0	20.38	20.21	19.94	0-2	0
3		2	20.18	20.33	19.95	0		
3		3	20.23	20.14	20.04	0		
6		0	20.30	20.19	20.08	0-3	0	
1		0	18.91	18.45	18.61		0-5	1.2
1		2	18.75	18.62	18.13			1.2
1	5	18.80	18.50	18.29	1.2			
256QAM	3	0	18.73	18.83	18.42	0-5	1.2	
	3	2	18.85	18.72	18.41		1.2	
	3	3	18.83	18.59	18.47		1.2	
	6	0	18.76	18.64	18.57	0-5	1.2	




FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 14 of 123		

**Table I-24**  
**LTE Band 66 (AWS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 15 MHz Bandwidth**

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	18.15	17.98	17.97	0	0
	1	36	18.45	18.31	18.15		0
	1	74	18.25	18.12	18.12		0
	36	0	18.27	18.25	18.08	0-1	0
	36	18	18.37	18.27	18.12		0
	36	37	18.36	18.22	18.02		0
	75	0	18.47	18.21	18.09		0
16QAM	1	0	18.20	18.21	18.25	0-1	0
	1	36	18.65	18.20	18.06		0
	1	74	18.36	18.21	18.18		0
	36	0	18.27	18.13	18.09	0-2	0
	36	18	18.30	18.33	18.18		0
	36	37	18.36	18.34	18.01		0
	75	0	18.33	18.17	18.04		0
64QAM	1	0	18.51	18.29	18.18	0-2	0
	1	36	18.50	18.49	18.23		0
	1	74	18.51	18.26	18.18		0
	36	0	18.33	18.20	18.05	0-3	0
	36	18	18.29	18.26	18.10		0
	36	37	18.37	18.21	18.06		0
	75	0	18.36	18.27	18.07		0
256QAM	1	0	18.18	18.07	17.99	0-5	0
	1	36	18.24	18.37	18.21		0
	1	74	18.25	18.27	17.93		0
	36	0	18.23	18.25	18.10	0-5	0
	36	18	18.31	18.26	18.14		0
	36	37	18.34	18.29	18.12		0
	75	0	18.33	18.20	18.08		0

**Table I-25**  
**LTE Band 66 (AWS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth**

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	18.38	18.28	18.04	0	0
	1	12	18.46	18.44	18.06		0
	1	24	18.34	18.22	18.03		0
	12	0	18.56	18.41	18.33	0-1	0
	12	6	18.50	18.44	18.15		0
	12	13	18.40	18.34	18.07		0
	25	0	18.42	18.34	18.18		0
16QAM	1	0	18.70	18.65	18.45	0-1	0
	1	12	18.85	18.81	18.39		0
	1	24	18.50	18.45	18.33		0
	12	0	18.53	18.35	18.24	0-2	0
	12	6	18.53	18.47	18.30		0
	12	13	18.46	18.38	18.14		0
	25	0	18.46	18.34	18.18		0
64QAM	1	0	18.54	18.51	18.32	0-2	0
	1	12	18.74	18.67	18.32		0
	1	24	18.64	18.49	18.25		0
	12	0	18.50	18.39	18.23	0-3	0
	12	6	18.52	18.55	18.31		0
	12	13	18.50	18.46	18.23		0
	25	0	18.45	18.38	18.26		0
256QAM	1	0	18.14	18.37	18.19	0-5	0
	1	12	18.59	18.43	18.39		0
	1	24	18.26	18.31	18.21		0
	12	0	18.26	18.33	18.21	0-5	0
	12	6	18.42	18.44	18.26		0
	12	13	18.33	18.24	18.26		0
	25	0	18.37	18.34	18.21		0



FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 15 of 123

**Table I-26**  
**LTE Band 66 (AWS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 3 MHz Bandwidth**

LTE Band 66 (AWS) 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	18.51	18.31	18.00	0	0	
	1	7	18.55	18.45	18.14		0	
	1	14	18.21	18.31	18.00		0	
	QPSK	8	0	18.43	18.39	18.22	0-1	0
		8	4	18.45	18.45	18.15		0
		8	7	18.41	18.40	18.15		0
		15	0	18.37	18.35	18.27		0
15		0	18.37	18.35	18.27	0		
16QAM	1	0	18.60	18.47	18.31	0-1	0	
	1	7	18.70	18.72	18.46		0	
	1	14	18.51	18.54	18.20		0	
	16QAM	8	0	18.61	18.49	18.25	0-2	0
		8	4	18.52	18.49	18.27		0
		8	7	18.47	18.51	18.23		0
		15	0	18.47	18.40	18.18		0
64QAM	1	0	18.52	18.53	18.36	0-2	0	
	1	7	18.69	18.71	18.28		0	
	1	14	18.62	18.55	18.17		0	
	64QAM	8	0	18.45	18.47	18.23	0-3	0
		8	4	18.55	18.52	18.23		0
		8	7	18.54	18.44	18.13		0
		15	0	18.47	18.45	18.20		0
256QAM	1	0	18.33	18.36	18.40	0-5	0	
	1	7	18.45	18.32	18.17		0	
	1	14	18.24	18.26	18.23		0	
	8	0	18.25	18.33	18.26		0	
	8	4	18.32	18.29	18.20		0	
	8	7	18.20	18.25	18.17		0	
	15	0	18.26	18.26	18.22		0	

**Table I-27**  
**LTE Band 66 (AWS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 1.4 MHz Bandwidth**

LTE Band 66 (AWS) 1.4 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]		
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)				
Conducted Power [dBm]									
QPSK	1	0	18.37	18.44	18.12	0	0		
	1	2	18.45	18.44	18.18		0		
	1	5	18.45	18.43	18.12		0		
	QPSK	3	0	18.36	18.44	18.14	0-1	0	
		3	2	18.43	18.47	17.98		0	
		3	3	18.44	18.41	18.19		0	
		6	0	18.44	18.43	17.80		0	
16QAM	1	0	18.75	18.67	18.40	0-1	0		
	1	2	18.67	18.66	18.67		0		
	1	5	18.50	18.63	18.26		0		
	16QAM	3	0	18.51	18.60	18.24	0-2	0	
		3	2	18.54	18.59	18.21		0	
		3	3	18.53	18.50	18.25		0	
64QAM	6	0	18.46	18.47	18.20	0-3	0		
	1	0	18.63	18.56	18.34		0		
	1	2	18.61	18.64	18.28		0		
	64QAM	1	5	18.45	18.50		18.15	0-2	0
		3	0	18.45	18.55		18.21		0
	64QAM	3	2	18.42	18.53		18.19	0-3	0
3		3	18.46	18.52	18.17	0			
256QAM	6	0	18.46	18.41	18.25	0-5	0		
	1	0	18.35	18.38	18.32		0		
	256QAM	1	2	18.36	18.32		18.29	0-5	0
		1	5	18.27	18.32		18.17		0
	256QAM	3	0	18.26	18.31		18.21	0-5	0
		3	2	18.30	18.38		18.24		0
	3	3	18.26	18.31	18.17		0		
6	0	18.18	18.23	18.10	0				

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 16 of 123





### I.1.8 LTE Band 25 (PCS)

**Table I-28**  
**LTE Band 25 (PCS) Measured  $P_{Max}$  – 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	23.02	23.33	23.38	0	0	
	1	36	23.41	23.47	23.50		0	
	1	74	23.22	23.40	23.46		0	
	QPSK	36	0	22.14	22.34	22.36	0-1	1
		36	18	22.37	22.48	22.56		1
		36	37	22.34	22.55	22.57		1
		75	0	22.22	22.33	22.48		1
1		0	22.28	22.59	22.70	1		
1		36	22.75	22.81	22.90	1		
16QAM	1	74	22.48	22.66	22.71	0-1	1	
	36	0	21.15	21.35	21.33		2	
	36	18	21.35	21.50	21.57		2	
	16QAM	36	37	21.34	21.57	21.55	0-2	2
		75	0	21.25	21.40	21.48		2
		1	0	21.18	21.60	21.60		2
		1	36	21.57	21.77	21.80		2
1		74	21.35	21.62	21.58	2		
36		0	20.14	20.30	20.32	3		
36		18	20.39	20.47	20.57	3		
64QAM	36	37	20.36	20.50	20.51	0-3	3	
	75	0	20.28	20.38	20.48		3	
	1	0	18.09	18.22	18.38		0-5	5
	1	36	18.58	18.76	18.85			5
	1	74	18.40	18.54	18.60			5
	36	0	18.16	18.32	18.30			5
	36	18	18.41	18.47	18.56			5
36	37	18.34	18.50	18.54	5			
75	0	18.28	18.36	18.50	5			

**Table I-29**  
**LTE Band 25 (PCS) Measured  $P_{Max}$  – 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	23.09	23.11	23.46	0	0	
	1	25	23.29	23.42	23.54		0	
	1	49	23.08	23.20	23.50		0	
	QPSK	25	0	22.25	22.42	22.40	0-1	1
		25	12	22.46	22.54	22.63		1
		25	25	22.40	22.58	22.54		1
		50	0	22.39	22.45	22.51		1
1		0	22.37	22.53	22.72	1		
16QAM	1	25	22.57	22.70	22.77	0-1	1	
	1	49	22.40	22.57	22.83		1	
	25	0	21.27	21.43	21.41		2	
	16QAM	25	12	21.49	21.53	21.64	0-2	2
		25	25	21.40	21.56	21.58		2
		50	0	21.26	21.46	21.52		2
		1	0	21.36	21.47	21.69		0-2
1	25	21.65	21.80	21.85	2			
1	49	21.28	21.50	21.80	2			
64QAM	25	0	20.30	20.40	20.38	0-3	3	
	25	12	20.47	20.55	20.58		3	
	25	25	20.41	20.53	20.51		3	
	50	0	20.37	20.44	20.49		3	
256QAM	1	0	18.19	18.30	18.34	0-5	5	
	1	25	18.61	18.80	18.70		5	
	1	49	18.33	18.45	18.45		5	
	25	0	18.26	18.40	18.34		5	
	25	12	18.45	18.55	18.56		5	
	25	25	18.43	18.53	18.48		5	
	50	0	18.37	18.43	18.48		5	



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 17 of 123

**Table I-30**  
**LTE Band 25 (PCS) Measured  $P_{Max}$  – 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	23.14	23.53	23.46	0	0	
	1	12	23.25	23.87	23.66		0	
	1	24	23.25	23.73	23.51		0	
	12	0	22.30	22.49	22.50	0-1	1	
	12	6	22.43	22.51	22.63		1	
	12	13	22.42	22.62	22.60		1	
16QAM	25	0	22.39	22.50	22.59	0-1	1	
	1	0	22.50	22.73	22.84		1	
	1	12	22.76	22.91	23.01		1	
	1	24	22.64	22.83	22.85	0-2	1	
	12	0	21.33	21.47	21.53		2	
	12	6	21.49	21.59	21.66		2	
	64QAM	12	13	21.48	21.66	21.68	0-2	2
		25	0	21.43	21.53	21.63		2
1		0	21.39	21.60	21.68	2		
1		12	21.57	21.73	21.73	0-3	2	
1		24	21.50	21.75	21.67		2	
12		0	20.28	20.50	20.50		3	
256QAM		12	6	20.44	20.54	20.62	0-3	3
		12	13	20.43	20.62	20.63		3
	25	0	20.38	20.51	20.59	3		
	1	0	18.19	18.30	18.42	0-5	5	
	1	12	18.54	18.80	18.73		5	
	1	24	18.53	18.61	18.63		5	
	12	0	18.30	18.47	18.47		5	
	12	6	18.45	18.50	18.61		5	
12	13	18.44	18.57	18.57	5			
25	0	18.37	18.49	18.55	5			

**Table I-31**  
**LTE Band 25 (PCS) Measured  $P_{Max}$  – 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	23.15	23.35	23.46	0	0
	1	7	23.34	23.46	23.64		0
	1	14	23.27	23.43	23.51		0
	8	0	22.39	22.48	22.46	0-1	1
	8	4	22.45	22.51	22.57		1
	8	7	22.45	22.59	22.56		1
	15	0	22.40	22.49	22.48		1
16QAM	1	0	22.48	22.70	22.71	0-1	1
	1	7	22.66	22.83	22.85		1
	1	14	22.55	22.67	22.77		1
	8	0	21.45	21.53	21.52	0-2	2
	8	4	21.50	21.61	21.65		2
	8	7	21.49	21.60	21.65		2
64QAM	15	0	21.43	21.50	21.52	0-2	2
	1	0	21.46	21.60	21.65		2
	1	7	21.54	21.65	21.78		2
	1	14	21.44	21.68	21.74	0-3	2
	8	0	20.44	20.48	20.51		3
	8	4	20.50	20.55	20.62		3
256QAM	8	7	20.47	20.63	20.59	0-3	3
	15	0	20.42	20.52	20.52		3
	1	0	18.19	18.20	18.42		0-5
	1	7	18.63	18.65	18.77	5	
	1	14	18.57	18.60	18.65	5	
	8	0	18.42	18.49	18.46	5	
	8	4	18.43	18.55	18.60	5	
8	7	18.42	18.60	18.59	5		
15	0	18.39	18.48	18.48	5		



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 18 of 123

**Table I-32**  
**LTE Band 25 (PCS) Measured  $P_{Max}$  – 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	23.28	23.60	23.46	0	0
	1	2	23.28	23.67	23.62		0
	1	5	23.29	23.68	23.51		0
	3	0	23.37	23.53	23.62		0
	3	2	23.42	23.57	23.66		0
	3	3	23.39	23.60	23.64		0
16QAM	6	0	22.36	22.48	22.53	0-1	1
	1	0	22.57	22.76	22.79	0-1	1
	1	2	22.65	22.90	22.81		1
	1	5	22.61	22.77	22.80		1
	3	0	22.49	22.66	22.69		1
	3	2	22.46	22.75	22.73		1
3	3	22.52	22.74	22.76	1		
64QAM	6	0	21.48	21.54	21.64	0-2	2
	1	0	21.57	21.65	21.64	0-2	2
	1	2	21.65	21.74	21.73		2
	1	5	21.60	21.74	21.64		2
	3	0	21.40	21.66	21.60		2
	3	2	21.40	21.70	21.62		2
3	3	21.43	21.67	21.61	2		
256QAM	6	0	20.42	20.40	20.54	0-3	3
	1	0	18.19	18.30	18.40	0-5	5
	1	2	18.52	18.76	18.78		5
	1	5	18.43	18.61	18.73		5
	3	0	18.40	18.43	18.60		5
	3	2	18.47	18.60	18.65		5
3	3	18.47	18.66	18.62	5		
6	0	18.33	18.52	18.47	5		

**Table I-33**  
**LTE Band 25 (PCS) 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	19.92	20.16	20.07	0	0
	1	36	20.21	20.23	20.45		0
	1	74	20.10	20.29	20.21		0
	36	0	19.92	20.00	20.01	0-1	0
	36	18	20.06	20.16	20.18		0
	36	37	20.10	20.23	20.23		0
16QAM	75	0	20.01	20.05	20.19	0-2	0
	1	0	20.12	20.21	20.27		0
	1	36	20.25	20.40	20.45		0
	1	74	20.05	20.24	20.42		0
	36	0	20.17	20.02	20.20		0
	36	18	20.10	20.15	20.28	0	
64QAM	36	37	20.09	20.16	20.20	0-3	0
	75	0	20.02	20.05	20.19		0
	1	0	20.02	20.34	20.34		0
	1	36	20.24	20.35	20.38		0
	1	74	20.12	20.36	20.36		0
	36	0	20.01	20.04	20.06	0	
256QAM	36	18	20.11	20.12	20.31	0-5	0
	36	37	20.16	20.26	20.25		0
	75	0	20.05	20.14	20.16		0
	1	0	17.95	17.92	18.01		2
	1	36	18.12	18.30	18.32		2
	1	74	18.13	18.22	18.20	2	
36	0	17.91	18.00	18.02	2		
36	18	18.10	18.11	18.26	2		
36	37	18.05	18.20	18.22	2		
75	0	18.02	18.05	18.15	2		




FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 19 of 123

**Table I-34**  
**LTE Band 25 (PCS) 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	20.01	20.09	20.31	0	0
	1	25	20.05	20.26	20.30		0
	1	49	19.98	20.07	20.30		0
	25	0	19.95	20.13	20.10	0-1	0
	25	12	20.15	20.16	20.36		0
	25	25	20.13	20.56	20.31		0
16QAM	50	0	19.97	20.23	20.26	0-1	0
	1	0	20.05	20.11	20.38		0
	1	25	20.16	20.54	20.47		0
	1	49	20.10	20.30	20.37	0-2	0
	25	0	20.07	20.07	20.14		0
	25	12	20.18	20.05	20.36		0
64QAM	25	25	20.09	20.21	20.26	0-2	0
	50	0	20.10	20.10	20.20		0
	1	0	20.14	20.38	20.42		0-2
	1	25	20.29	20.41	20.49	0	
	1	49	20.12	20.12	20.35	0	
	256QAM	25	0	20.01	20.19	20.18	0-3
25		12	20.19	20.23	20.32	0	
25		25	20.16	20.20	20.28	0	
50		0	20.05	20.11	20.20	0-5	0
1		0	17.83	18.03	18.05		2
1		25	18.18	18.40	18.25		2
256QAM	1	49	18.01	18.31	18.08	0-5	2
	25	0	18.03	18.09	18.10		2
	25	12	18.12	18.25	18.37		2
	25	25	18.13	18.23	18.26	2	
	50	0	18.04	18.13	18.29	2	

**Table I-35**  
**LTE Band 25 (PCS) 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	20.12	20.10	20.30	0	0	
	1	12	20.12	20.43	20.29		0	
	1	24	20.17	20.23	20.27		0	
	12	0	20.01	20.16	20.15	0-1	0	
	12	6	20.18	20.22	20.32		0	
	12	13	20.19	20.35	20.31		0	
16QAM	25	0	20.13	20.21	20.32	0-1	0	
	1	0	20.08	20.38	20.60		0	
	1	12	20.24	20.37	20.55		0-1	0
	1	24	20.20	20.36	20.37	0		
	12	0	20.06	20.19	20.17	0-2		0
	12	6	20.12	20.19	20.36		0	
12	13	20.10	20.34	20.31	0			
64QAM	25	0	20.12	20.18	20.30	0-2	0	
	1	0	20.21	20.20	20.50		0-2	0
	1	12	20.16	20.39	20.48			0
	1	24	20.25	20.33	20.41	0-3		0
	12	0	20.07	20.15	20.14		0	
	12	6	20.18	20.24	20.31		0	
256QAM	12	13	20.14	20.32	20.33	0-3	0	
	25	0	20.08	20.22	20.31		0	
	1	0	18.05	18.23	18.25		0-5	2
	1	12	18.15	18.35	18.36	2		
	1	24	18.21	18.37	18.31	2		
	12	0	18.01	18.16	18.13	0-5	2	
12	6	18.10	18.21	18.30	2			
12	13	18.13	18.26	18.29	2			
25	0	18.06	18.25	18.28	2			



FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 20 of 123		

**Table I-36**  
**LTE Band 25 (PCS) 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	20.08	20.17	20.19	0	0
	1	7	20.06	20.18	20.34		0
	1	14	20.02	20.24	20.20		0
	8	0	20.05	20.13	20.13	0-1	0
	8	4	20.07	20.16	20.25		0
	8	7	20.04	20.21	20.24		0
16QAM	15	0	20.07	20.14	20.15	0-1	0
	1	0	20.02	20.21	20.23		0
	1	7	20.21	20.30	20.40		0
	8	0	20.03	20.12	20.14	0-2	0
	8	4	20.06	20.12	20.28		0
	8	7	20.10	20.21	20.26		0
64QAM	15	0	20.12	20.10	20.13	0-2	0
	1	0	20.01	20.20	20.29		0
	1	7	20.25	20.35	20.32		0
	8	0	20.06	20.18	20.28	0-3	0
	8	4	20.17	20.20	20.26		0
	8	7	20.08	20.22	20.25		0
256QAM	15	0	20.08	20.11	20.15	0-5	0
	1	0	18.05	18.18	18.15		2
	1	7	18.15	18.26	18.35		2
	8	0	18.05	18.10	18.09	0-5	2
	8	4	18.05	18.16	18.24		2
	8	7	18.03	18.22	18.13		2
	15	0	18.06	18.21	18.13		2

**Table I-37**  
**LTE Band 25 (PCS) 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	20.02	20.18	20.12	0	0
	1	2	20.05	20.16	20.17		0
	1	5	20.01	20.13	20.13		0
	3	0	20.03	20.22	20.18		0
	3	2	20.06	20.21	20.19		0
	3	3	20.03	20.17	20.20		0
16QAM	6	0	20.00	20.02	20.20	0-1	0
	1	0	20.04	20.23	20.40		0
	1	2	20.32	20.31	20.67		0
	3	0	20.16	20.38	20.22	0-1	0
	3	2	20.08	20.35	20.25		0
	3	3	20.02	20.24	20.33		0
64QAM	6	0	20.15	20.08	20.20	0-2	0
	1	0	20.12	20.20	20.30		0
	1	2	20.12	20.30	20.32		0
	3	0	20.15	20.31	20.32	0-2	0
	3	2	20.05	20.12	20.20		0
	3	3	20.12	20.23	20.23		0
256QAM	6	0	20.06	20.26	20.33	0-3	0
	1	0	20.03	20.16	20.25		0
	1	2	18.12	18.22	18.26		2
	3	0	18.10	18.40	18.25	0-5	2
	3	2	18.23	18.28	18.31		2
	3	3	18.10	18.05	18.20		2
	6	0	18.01	18.21	18.33		2
	3	3	18.01	18.22	18.26		2
	6	0	18.01	18.07	18.25		2



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 21 of 123

**Table I-38**  
**LTE Band 25 (PCS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 15 MHz Bandwidth**

LTE Band 25 (PCS) 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	18.23	18.42	18.09	0	0	
	1	36	18.05	18.45	18.41		0	
	1	74	18.02	18.45	18.14		0	
	QPSK	36	0	17.83	18.03	18.05	0-1	0
		36	18	18.02	18.17	18.18		0
		36	37	18.02	18.19	18.21		0
		75	0	17.97	18.10	18.15		0
75		0	17.97	18.35	18.25	0		
16QAM	1	0	18.32	18.37	18.32	0-1	0	
	1	36	18.16	18.30	18.21		0	
	1	74	18.16	18.30	18.21		0	
	16QAM	36	0	17.86	18.01	18.05	0-2	0
		36	18	18.03	18.11	18.24		0
		36	37	18.10	18.21	18.23		0
		75	0	18.01	18.06	18.21		0
75		0	18.01	18.30	18.35	0		
64QAM	1	0	18.24	18.41	18.42	0-2	0	
	1	36	18.20	18.35	18.30		0	
	1	74	18.20	18.35	18.30		0	
	64QAM	36	0	17.90	18.02	18.04	0-3	0
		36	18	18.03	18.21	18.25		0
		36	37	18.05	18.21	18.26		0
		75	0	18.03	18.05	18.17		0
75		0	18.03	18.30	18.35	0		
256QAM	1	0	18.02	18.28	18.30	0-5	0	
	1	36	18.16	18.21	18.21		0	
	1	74	18.16	18.21	18.21		0	
	256QAM	36	0	17.90	18.02	18.07	0-5	0
		36	18	18.09	18.15	18.21		0
		36	37	18.15	18.19	18.22		0
		75	0	18.03	18.03	18.21		0
75		0	18.03	18.30	18.35	0		

**Table I-39**  
**LTE Band 25 (PCS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 10 MHz Bandwidth**

LTE Band 25 (PCS) 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)			
Conducted Power [dBm]								
QPSK	1	0	18.01	18.18	18.41	0	0	
	1	25	18.04	18.27	18.22		0	
	1	49	18.10	18.03	18.14		0	
	QPSK	25	0	17.90	18.10	18.14	0-1	0
		25	12	18.12	18.20	18.29		0
		25	25	18.10	18.20	18.20		0
		50	0	18.03	18.18	18.24		0
50		0	18.08	18.19	18.46	0		
16QAM	1	0	18.32	18.31	18.38	0-1	0	
	1	49	18.10	18.32	18.38		0	
	1	25	18.02	18.10	18.17		0	
	16QAM	25	0	18.23	18.18	18.31	0-2	0
		25	12	18.10	18.21	18.30		0
		25	25	18.08	18.21	18.23		0
		50	0	18.08	18.21	18.23		0
64QAM	1	0	18.17	18.21	18.35	0-2	0	
	1	25	18.25	18.36	18.36		0	
	1	49	18.01	18.20	18.40		0	
	64QAM	25	0	17.94	18.13	18.19	0-3	0
		25	12	18.13	18.27	18.34		0
		25	25	18.08	18.26	18.30		0
		50	0	18.03	18.10	18.23		0
256QAM	1	0	17.81	18.00	18.11	0-5	0	
	1	25	18.21	18.30	18.32		0	
	1	49	18.02	18.04	18.15		0	
	256QAM	25	0	17.90	18.12	18.14	0-5	0
		25	12	18.20	18.15	18.31		0
		25	25	18.02	18.24	18.24		0
		50	0	18.07	18.14	18.21		0



FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 22 of 123

**Table I-40**  
**LTE Band 25 (PCS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth**

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	18.05	18.16	18.11	0	0
	1	12	18.11	18.39	18.39		0
	1	24	18.05	18.32	18.22		0
	12	0	17.96	18.18	18.16	0-1	0
	12	6	18.10	18.18	18.22		0
	12	13	18.14	18.30	18.29		0
25	0	18.05	18.21	18.34		0	
16QAM	1	0	18.06	18.22	18.36	0-1	0
	1	12	18.26	18.49	18.45		0
	1	24	18.29	18.30	18.36		0
	12	0	18.02	18.21	18.20	0-2	0
	12	6	18.14	18.31	18.32		0
	12	13	18.23	18.36	18.35		0
25	0	18.13	18.18	18.30		0	
64QAM	1	0	18.05	18.28	18.35	0-2	0
	1	12	18.31	18.43	18.35		0
	1	24	18.40	18.33	18.30		0
	12	0	18.01	18.18	18.16	0-3	0
	12	6	18.23	18.31	18.30		0
	12	13	18.10	18.32	18.32		0
25	0	18.14	18.26	18.31		0	
256QAM	1	0	18.12	18.20	18.20	0-5	0
	1	12	18.15	18.32	18.39		0
	1	24	18.21	18.36	18.35		0
	12	0	18.01	18.18	18.17	0-5	0
	12	6	18.20	18.20	18.25		0
	12	13	18.15	18.26	18.32		0
25	0	18.05	18.18	18.27		0	



**Table I-41**  
**LTE Band 25 (PCS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 3 MHz Bandwidth**

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	17.98	18.19	18.26	0	0
	1	7	18.05	18.30	18.20		0
	1	14	18.01	18.23	18.28		0
	8	0	18.05	18.14	18.23	0-1	0
	8	4	18.06	18.16	18.46		0
	8	7	18.07	18.22	18.26		0
15	0	18.02	18.13	18.17		0	
16QAM	1	0	18.17	18.20	18.42	0-1	0
	1	7	18.32	18.42	18.35		0
	1	14	18.26	18.37	18.42		0
	8	0	18.13	18.19	18.23	0-2	0
	8	4	18.11	18.17	18.32		0
	8	7	18.12	18.31	18.32		0
15	0	18.08	18.19	18.20		0	
64QAM	1	0	18.15	18.35	18.31	0-2	0
	1	7	18.20	18.42	18.49		0
	1	14	18.23	18.43	18.48		0
	8	0	18.12	18.16	18.24	0-3	0
	8	4	18.11	18.22	18.30		0
	8	7	18.12	18.26	18.32		0
15	0	18.12	18.26	18.16		0	
256QAM	1	0	18.10	18.10	18.31	0-5	0
	1	7	18.26	18.41	18.42		0
	1	14	18.14	18.15	18.43		0
	8	0	18.05	18.12	18.24	0-5	0
	8	4	18.09	18.27	18.40		0
	8	7	18.10	18.22	18.37		0
15	0	18.05	18.21	18.25		0	

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 23 of 123

**Table I-42**  
**LTE Band 25 (PCS) Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 1.4 MHz Bandwidth**

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	18.07	18.29	18.20	0	0
	1	2	18.06	18.30	18.27		0
	1	5	18.02	18.25	18.25		0
	3	0	18.02	18.24	18.23		0
	3	2	18.05	18.26	18.26		0
	3	3	18.07	18.30	18.26		0
16QAM	6	0	18.06	18.09	18.24	0-1	0
	1	0	18.23	18.27	18.31	0-1	0
	1	2	18.25	18.31	18.45		0
	1	5	18.17	18.35	18.34		0
	3	0	18.05	18.20	18.32		0
	3	2	18.44	18.24	18.31		0
3	3	18.21	18.25	18.41	0		
64QAM	6	0	18.16	18.19	18.27	0-2	0
	1	0	18.21	18.30	18.35	0-2	0
	1	2	18.22	18.32	18.26		0
	1	5	18.23	18.31	18.31		0
	3	0	18.09	18.35	18.26		0
	3	2	18.09	18.32	18.35		0
3	3	18.12	18.30	18.28	0		
256QAM	6	0	18.11	18.22	18.27	0-3	0
	1	0	18.01	18.17	18.30	0-5	0
	1	2	18.18	18.31	18.37		0
	1	5	18.30	18.34	18.42		0
	3	0	18.09	18.17	18.25		0
	3	2	18.10	18.29	18.28		0
3	3	18.13	18.25	18.36	0		
	6	0	18.05	18.16	18.30		0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 24 of 123



I.1.9 LTE Band 30



Table I-43  
 LTE Band 30 Measured  $P_{Max}$  – 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	22.42	0	0
	1	12	22.54		0
	1	24	22.34		0
	12	0	21.50	0-1	1
	12	6	21.52		1
	12	13	21.44		1
	25	0	21.44		1
16QAM	1	0	21.78	0-1	1
	1	12	21.73		1
	1	24	21.70		1
	12	0	20.56	0-2	2
	12	6	20.58		2
	12	13	20.46		2
	25	0	20.45		2
64QAM	1	0	20.68	0-2	2
	1	12	20.70		2
	1	24	20.60		2
	12	0	19.52	0-3	3
	12	6	19.52		3
	12	13	19.43		3
	25	0	19.40		3
256QAM	1	0	17.49	0-5	5
	1	12	17.65		5
	1	24	17.35		5
	12	0	17.48		5
	12	6	17.47		5
	12	13	17.39		5
	25	0	17.39		5

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 25 of 123



**Table I-44**  
**LTE Band 30 Measured  $P_{Limit}$  for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) –**  
**5 MHz Bandwidth**

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	21.06	0	0
	1	12	21.12		0
	1	24	21.01		0
	12	0	21.04	0-1	0
	12	6	21.01		0
	12	13	20.90		0
	25	0	20.97		0
16QAM	1	0	21.29	0-1	0
	1	12	21.30		0
	1	24	21.11		0
	12	0	20.06	0-2	1
	12	6	20.00		1
	12	13	20.03		1
	25	0	20.02		1
64QAM	1	0	20.10	0-2	1
	1	12	20.19		1
	1	24	20.16		1
	12	0	19.03	0-3	2
	12	6	19.15		2
	12	13	19.01		2
	25	0	19.01		2
256QAM	1	0	17.12	0-5	4
	1	12	17.15		4
	1	24	17.14		4
	12	0	17.01		4
	12	6	17.03		4
	12	13	16.91		4
	25	0	17.01		4

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 26 of 123

**Table I-45**  
**LTE Band 30 Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth**

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	18.36	0	0
	1	12	18.46		0
	1	24	18.31		0
	12	0	18.32	0-1	0
	12	6	18.31		0
	12	13	18.23		0
	25	0	18.25		0
16QAM	1	0	18.45	0-1	0
	1	12	18.48		0
	1	24	18.45		0
	12	0	18.33	0-2	0
	12	6	18.34		0
	12	13	18.30		0
	25	0	18.26		0
64QAM	1	0	18.55	0-2	0
	1	12	18.54		0
	1	24	18.61		0
	12	0	18.34	0-3	0
	12	6	18.34		0
	12	13	18.26		0
	25	0	18.25		0
256QAM	1	0	17.32	0-5	1
	1	12	17.61		1
	1	24	17.55		1
	12	0	17.36		1
	12	6	17.33		1
	12	13	17.29		1
	25	0	17.33		1

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 27 of 123		



### I.1.10 LTE Band 7

**Table I-46**  
**LTE Band 7 Measured  $P_{Max}$  – 15 MHz Bandwidth**

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.08	22.79	22.74	0	0
	1	36	23.18	22.86	22.73		0
	1	74	23.09	22.77	22.47		0
	36	0	22.08	21.99	21.90	0-1	1
	36	18	22.14	22.04	21.96		1
	36	37	22.08	21.98	21.98		1
16QAM	75	0	22.01	21.90	21.84	0-1	1
	1	0	22.11	22.07	22.18		1
	1	36	22.27	22.08	22.18		1
	1	74	22.14	21.90	22.07	0-2	1
	36	0	21.10	21.01	20.92		2
	36	18	21.16	21.03	20.99		2
64QAM	36	37	21.09	20.99	20.99	0-2	2
	75	0	21.04	20.92	20.85		2
	1	0	21.19	20.97	21.04		2
	1	36	21.25	21.09	21.17	0-2	2
	1	74	21.05	20.88	20.98		2
	36	0	20.11	19.99	19.93		3
256QAM	36	18	20.13	20.04	19.99	0-3	3
	36	37	20.08	19.98	19.99		3
	75	0	20.04	19.92	19.85		3
	1	0	17.84	17.97	17.76	0-5	5
	1	36	18.34	18.19	18.03		5
	1	74	17.87	17.96	17.75		5
36	0	17.93	17.94	17.85	5		
36	18	18.12	18.04	17.96	5		
36	37	18.01	17.94	17.92	5		
	75	0	18.00	17.94	17.87	5	

**Table I-47**  
**LTE Band 7 Measured  $P_{Max}$  – 10 MHz Bandwidth**

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.13	23.00	22.74	0	0
	1	25	23.14	23.06	22.73		0
	1	49	23.10	23.03	22.45		0
	25	0	22.08	21.99	21.94	0-1	1
	25	12	22.11	22.06	21.94		1
	25	25	22.08	21.99	22.01		1
16QAM	50	0	22.01	21.97	21.81	0-1	1
	1	0	22.11	22.07	22.29		1
	1	25	22.27	22.08	22.18		1
	1	49	22.14	21.90	22.07	0-2	1
	25	0	21.11	21.00	20.96		2
	25	12	21.16	21.04	20.99		2
64QAM	25	25	21.09	21.01	21.03	0-2	2
	50	0	21.04	20.92	20.85		2
	1	0	21.21	21.07	21.07		0-2
	1	25	21.41	21.09	21.23	2	
	1	49	21.05	20.89	21.22	2	
	256QAM	25	0	20.12	19.99	19.94	0-3
25		12	20.13	20.06	19.99	3	
25		25	20.09	19.99	19.80	3	
50		0	20.04	19.92	19.85	0-5	3
1		0	17.84	17.95	17.91		5
1		25	18.42	18.18	18.22		5
256QAM	1	49	17.87	17.96	17.75	0-5	5
	25	0	17.86	17.94	17.87		5
	25	12	18.12	18.05	17.96		5
	25	25	18.00	17.82	17.88	5	
		50	0	18.00	17.82	17.80	5



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 28 of 123

**Table I-48**  
**LTE Band 7 Measured  $P_{Max}$  – 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	23.01	22.90	22.64	0	0
	1	12	23.18	23.09	22.73		0
	1	24	23.03	22.95	22.65		0
	12	0	21.97	21.83	21.80	0-1	1
	12	6	22.03	21.93	21.88		1
	12	13	21.97	21.87	21.88		1
16QAM	25	0	21.98	21.86	21.82	0-1	1
	1	0	22.11	22.07	22.14		1
	1	12	21.28	22.08	22.18		1
	1	24	22.04	21.90	22.07	0-2	1
	12	0	21.02	20.97	20.88		2
	12	6	21.08	21.04	20.96		2
64QAM	12	13	21.03	20.95	20.95	0-2	2
	25	0	21.00	20.88	20.81		2
	1	0	21.00	20.96	20.95		0-2
	1	12	21.19	21.07	21.07	2	
	1	24	21.05	20.89	21.00	2	
	256QAM	12	0	20.00	19.90	19.86	0-3
12		6	20.05	19.96	19.92	3	
12		13	20.01	19.92	19.91	3	
25		0	19.99	19.90	19.83	0-5	3
1		0	17.84	17.96	17.85		5
1		12	18.14	18.17	18.04		5
256QAM	1	24	17.84	17.94	17.75	0-5	5
	12	0	17.93	17.93	17.83		5
	12	6	18.08	17.94	17.86		5
	12	13	17.98	17.88	17.92	5	
	25	0	17.99	17.87	17.83	5	

**Table I-49**  
**LTE Band 7 Measured  $P_{Limit}$  for DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), 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	19.85	19.67	19.71	0	0	
	1	36	19.65	19.59	19.47		0	
	1	74	19.64	19.45	19.82		0	
	36	0	19.65	19.51	19.45	0-1	0	
	36	18	19.61	19.54	19.56		0	
	36	37	19.63	19.43	19.60		0	
16QAM	75	0	19.57	19.44	19.53	0-1	0	
	1	0	19.79	19.75	19.80		0	
	1	36	19.82	19.56	19.74		0	
	64QAM	1	74	19.66	19.51	19.57	0-1	0
		36	0	19.67	19.53	19.51		0
		36	18	19.65	19.53	19.58		0-2
36		37	19.59	19.41	19.66	0		
75		0	19.59	19.49	19.51	0		
256QAM		1	0	19.81	19.61	19.67	0-2	0
	1	36	19.71	19.58	19.76	0		
	1	74	19.58	19.62	19.64	0		
	36	0	19.59	19.54	19.56	0-3	0	
	36	18	19.65	19.52	19.60		0	
	36	37	19.58	19.48	19.57		0	
256QAM	75	0	19.59	19.49	19.58	0-5	0	
	1	0	17.56	17.30	17.46		2	
	1	36	17.74	17.54	17.71		2	
	1	74	17.63	17.45	17.51	2		
	36	0	17.55	17.52	17.48	2		
	36	18	17.60	17.57	17.56	2		
36	37	17.84	17.43	17.54	2			
75	0	17.52	17.40	17.46	2			



FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 29 of 123

**Table I-50**  
**LTE Band 7 Measured  $P_{Limit}$  for DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), 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	19.75	19.68	19.68	0	0
	1	25	19.74	19.59	19.64		0
	1	49	19.62	19.47	19.62		0
	25	0	19.75	19.61	19.53	0-1	0
	25	12	19.77	19.64	19.75		0
	25	25	19.68	19.56	19.68		0
16QAM	50	0	19.69	19.53	19.64	0-1	0
	1	0	20.00	19.86	19.92		0
	1	25	20.00	20.03	20.02		0
	1	49	19.98	19.81	19.82	0-2	0
	25	0	19.79	19.71	19.66		0
	25	12	19.73	19.63	19.72		0
64QAM	25	25	19.74	19.66	19.70	0-2	0
	50	0	19.69	19.59	19.65		0
	1	0	19.81	19.68	19.89		0-2
	1	25	19.86	19.83	19.92	0	
	1	49	19.90	19.67	19.64	0	
	256QAM	25	0	19.70	19.64	19.67	0-3
25		12	19.76	19.75	19.70	0	
25		25	19.71	19.70	19.73	0	
50		0	19.69	19.62	19.64	0-5	0
1		0	17.56	17.50	17.43		2
1		25	17.87	17.78	17.84		2
256QAM	1	49	17.50	17.42	17.52	0-5	2
	25	0	17.68	17.58	17.56		2
	25	12	17.49	17.71	17.73		2
	25	25	17.64	17.61	17.71	2	
	50	0	17.69	17.55	17.65	2	

**Table I-51**  
**LTE Band 7 Measured  $P_{Limit}$  for DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), 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	19.78	19.58	19.65	0	0
	1	12	19.72	19.65	19.75		0
	1	24	19.67	19.50	19.78		0
	12	0	19.75	19.61	19.63	0-1	0
	12	6	19.76	19.67	19.62		0
	12	13	19.77	19.65	19.69		0
16QAM	25	0	19.75	19.63	19.60	0-1	0
	1	0	19.91	19.72	19.94		0
	1	12	20.00	19.89	19.91		0
	1	24	20.01	19.92	19.98	0-2	0
	12	0	19.80	19.65	19.67		0
	12	6	19.87	19.75	19.64		0
64QAM	12	13	19.77	19.62	19.70	0-2	0
	25	0	19.72	19.63	19.57		0
	1	0	19.91	19.83	20.00		0-2
	1	12	19.91	19.86	19.78	0	
	1	24	19.79	19.81	19.90	0	
	256QAM	12	0	19.79	19.65	19.62	0-3
12		6	19.78	19.70	19.86	0	
12		13	19.74	19.69	19.68	0	
25		0	19.71	19.60	19.63	0-5	0
1		0	17.75	17.60	17.64		2
1		12	18.02	17.75	17.76		2
256QAM	1	24	17.74	17.59	17.73	0-5	2
	12	0	17.73	17.64	17.65		2
	12	6	17.78	17.73	17.73		2
	12	13	17.76	17.65	17.67	2	
	25	0	17.74	17.64	17.60	2	

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 30 of 123



I.1.11 LTE Band 48

**Table I-52**  
**LTE Band 48 Measured  $P_{Limit}$  for all DSI – 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	18.48	18.68	18.69	18.52	0	0
	1	36	18.52	18.76	18.74	18.67		0
	1	74	18.49	18.74	18.76	18.68		0
	36	0	18.50	18.67	18.71	18.68	0-1	0
	36	18	18.53	18.81	18.76	18.77		0
	36	37	18.54	18.83	18.72	18.67		0
	75	0	18.53	18.81	18.74	18.72		0
16QAM	1	0	18.48	18.73	18.67	18.66	0-1	0
	1	36	18.55	18.94	18.71	18.74		0
	1	74	18.47	18.79	18.74	18.69		0
	36	0	18.50	18.78	18.71	18.68	0-2	0
	36	18	18.58	18.87	18.84	18.79		0
	36	37	18.53	18.76	18.75	18.67		0
	75	0	18.54	18.82	18.78	18.72		0
64QAM	1	0	18.51	18.73	18.86	18.76	0-2	0
	1	36	18.62	18.84	18.77	18.74		0
	1	74	18.56	18.82	18.72	18.79		0
	36	0	18.51	18.84	18.74	18.73	0-3	0
	36	18	18.62	18.89	18.82	18.77		0
	36	37	18.55	18.84	18.73	18.69		0
	75	0	18.54	18.85	18.77	18.74		0
256QAM	1	0	17.20	17.49	17.40	17.36	0-5	1
	1	36	17.42	17.68	17.67	17.54		1
	1	74	17.29	17.63	17.43	17.36		1
	36	0	17.38	17.70	17.63	17.60		1
	36	18	17.46	17.73	17.72	17.69		1
	36	37	17.43	17.72	17.58	17.59		1
	75	0	17.39	17.71	17.65	17.60		1



**Table I-53**  
**LTE Band 48 Measured  $P_{Limit}$  for all DSI – 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	18.63	18.83	18.81	18.77	0	0
	1	25	18.67	18.99	18.91	18.88		0
	1	49	18.67	18.94	18.83	18.86		0
	25	0	18.53	18.97	18.78	18.73	0-1	0
	25	12	18.69	19.01	18.93	18.90		0
	25	25	18.62	18.96	18.79	18.71		0
	50	0	18.59	18.90	18.83	18.82		0
16QAM	1	0	18.62	18.85	18.83	18.74	0-1	0
	1	25	18.70	18.95	18.88	18.81		0
	1	49	18.72	19.07	18.84	18.82		0
	25	0	18.63	18.86	18.78	18.82	0-2	0
	25	12	18.74	18.94	18.94	18.91		0
	25	25	18.66	18.98	18.83	18.79		0
	50	0	18.61	18.94	18.84	18.82		0
64QAM	1	0	18.59	18.85	18.76	18.91	0-2	0
	1	25	18.72	18.96	18.86	18.90		0
	1	49	18.73	19.02	18.88	18.89		0
	25	0	18.56	18.86	18.78	18.76	0-3	0
	25	12	18.69	19.02	18.93	18.85		0
	25	25	18.65	18.99	18.86	18.79		0
	50	0	18.61	18.89	18.85	18.81		0
256QAM	1	0	17.34	17.38	17.44	17.46	0-5	1
	1	25	17.61	17.94	17.79	17.50		1
	1	49	17.37	17.68	17.60	17.43		1
	25	0	17.52	17.76	17.69	17.67		1
	25	12	17.59	17.96	17.83	17.81		1
	25	25	17.56	17.93	17.64	17.69		1
	50	0	17.51	17.82	17.75	17.72		1

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 31 of 123

**Table I-54**  
**LTE Band 48 Measured  $P_{Limit}$  for all DSI – 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	18.60	18.79	18.73	18.65	0	0
	1	12	18.66	18.96	18.99	18.82		0
	1	24	18.58	18.92	18.83	18.73		0
	12	0	18.61	18.91	18.94	18.80	0-1	0
	12	6	18.72	19.03	19.03	18.89		0
	12	13	18.70	18.98	18.99	18.91		0
	25	0	18.68	18.93	18.95	18.86		0
16QAM	1	0	18.51	18.73	18.71	18.62	0-1	0
	1	12	18.63	18.97	18.75	18.86		0
	1	24	18.56	18.87	18.91	18.77		0
	12	0	18.64	18.91	18.83	18.78	0-2	0
	12	6	18.74	19.02	18.95	18.92		0
	12	13	18.69	19.03	18.97	18.85		0
	25	0	18.71	18.99	18.89	18.86		0
64QAM	1	0	18.45	18.77	18.77	18.72	0-2	0
	1	12	18.68	18.97	18.85	18.90		0
	1	24	18.61	18.97	18.78	18.63		0
	12	0	18.62	18.94	18.91	18.86	0-3	0
	12	6	18.70	19.03	18.97	18.92		0
	12	13	18.63	19.01	18.92	18.95		0
	25	0	18.66	18.97	18.80	18.92		0
256QAM	1	0	17.40	17.61	17.60	17.57	0-5	1
	1	12	17.62	17.65	17.75	17.84		1
	1	24	17.49	17.71	17.36	17.56		1
	12	0	17.51	17.82	17.78	17.71		1
	12	6	17.62	17.92	17.85	17.82		1
	12	13	17.61	17.91	17.82	17.83		1
	25	0	17.68	17.88	17.79	17.78		1

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 32 of 123		





I.1.12 LTE Band 41 PC3

**Table I-55**  
**LTE Band 41 PC3 Measured  $P_{Max}$  – 15 MHz Bandwidth**

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	23.82	23.45	23.68	23.70	23.46	0	0	
	1	36	23.85	23.74	23.92	23.93	23.80		0	
	1	74	23.71	23.45	23.67	23.71	23.68		0	
	16QAM	36	0	22.92	22.68	22.71	22.90	22.72	0-1	1
		36	18	22.92	22.75	22.85	23.02	22.85		1
		36	37	22.83	22.73	22.85	22.99	22.76		1
		64QAM	75	0	22.77	22.69	22.82	22.98	22.80	0-1
1			0	22.94	22.50	22.82	22.73	22.43	1	
1			36	22.93	22.70	22.82	23.01	22.81	1	
256QAM			1	74	22.72	22.82	22.88	22.77	22.84	0-2
	36		0	21.94	21.66	21.74	21.88	21.72	2	
	36		18	21.95	21.74	21.87	22.03	21.83	2	
	64QAM		36	37	21.82	21.71	21.86	22.01	21.75	0-2
		75	0	21.77	21.64	21.85	22.01	21.83	2	
		1	0	21.93	21.52	21.75	21.80	21.51	2	
		256QAM	1	36	21.95	21.71	21.90	22.02	21.83	0-2
1			74	21.75	21.45	21.72	21.76	21.70	2	
36			0	20.93	20.65	20.80	20.90	20.72	3	
64QAM			36	18	20.93	20.75	20.96	21.05	20.84	0-3
	36		37	20.83	20.72	20.95	21.00	20.75	3	
	75		0	20.80	20.64	20.91	20.97	20.71	3	
	256QAM		1	0	18.53	18.43	18.65	18.73	18.80	0-5
		1	36	18.83	18.75	18.85	18.95	18.70	5	
		1	74	18.65	18.44	18.68	18.83	18.65	5	
		256QAM	36	0	18.81	18.64	18.79	18.90	18.74	0-5
36			18	18.88	18.71	18.98	19.07	18.86	5	
36			37	18.71	18.70	18.95	19.01	18.75	5	
256QAM			75	0	18.74	18.60	18.90	19.01	18.78	0-5

**Table I-56**  
**LTE Band 41 PC3 Measured  $P_{Max}$  – 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	24.01	23.65	23.73	23.75	23.65	0	0	
	1	25	24.06	23.95	24.03	24.15	23.91		0	
	1	49	23.98	23.60	23.76	23.72	23.59		0	
	16QAM	25	0	23.00	22.83	22.98	23.01	22.93	0-1	1
		25	12	23.05	22.90	23.13	23.18	23.04		1
		25	25	22.89	22.87	23.03	23.16	22.86		1
		64QAM	50	0	22.91	22.80	23.10	23.12	22.93	0-1
1			0	22.96	22.54	22.72	22.78	22.64	1	
1			25	22.93	22.92	23.04	23.06	22.91	1	
256QAM			1	49	22.91	22.51	22.70	22.83	22.53	0-2
	25		0	22.01	21.80	21.98	22.01	21.93	2	
	25		12	22.03	21.90	22.15	22.19	22.02	2	
	64QAM		25	25	21.89	21.86	22.01	22.12	21.88	0-2
		50	0	21.93	21.80	22.01	22.12	21.89	2	
		1	0	21.96	21.62	21.72	21.76	21.65	2	
		256QAM	1	25	21.98	21.83	22.01	22.05	21.95	0-2
1			49	21.83	21.58	21.73	21.80	21.57	2	
25			0	21.01	20.83	20.99	21.03	20.93	3	
64QAM			25	12	21.03	20.93	21.12	21.24	21.04	0-3
	25		25	20.90	20.86	21.04	21.15	20.82	3	
	50		0	20.92	20.80	21.04	21.10	20.92	3	
	256QAM		1	0	18.75	18.50	18.75	18.75	18.62	0-5
		1	25	18.97	18.98	19.07	19.19	18.91	5	
		1	49	18.56	18.56	18.81	18.83	18.65	5	
		256QAM	25	0	18.95	18.80	18.95	19.01	18.90	0-5
25			12	19.01	18.89	19.13	19.21	19.01	5	
25			25	18.81	18.86	19.02	19.08	18.78	5	
256QAM			50	0	18.94	18.80	19.03	19.10	18.90	0-5



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 33 of 123

**Table I-57**  
**LTE Band 41 PC3 Measured  $P_{Max}$  – 5 MHz Bandwidth**

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.93	23.85	23.89	24.01	23.84	0	0
	1	12	24.02	24.01	24.12	24.06	24.01		0
	1	24	23.93	23.89	23.96	23.83	23.81		0
	12	0	22.95	22.85	23.04	23.15	23.01	0-1	1
	12	6	22.85	22.89	23.05	23.21	23.00		1
	12	13	22.89	22.93	23.01	23.16	22.86		1
16QAM	25	0	22.97	22.83	22.99	23.16	22.96	0-1	1
	1	0	22.86	22.82	22.91	22.95	22.84		1
	1	12	22.92	22.92	23.04	23.05	22.95		1
	1	24	22.79	22.75	22.83	22.89	22.78	0-2	1
	12	0	22.01	21.87	22.04	22.15	21.96		2
	12	6	22.01	21.89	22.15	22.18	22.02		2
64QAM	12	13	21.93	21.94	22.08	22.19	21.91	0-2	2
	25	0	21.98	21.86	22.05	22.16	21.98		2
	1	0	21.93	21.72	21.93	21.95	21.80		0-2
	1	12	21.96	21.90	21.97	21.94	21.90	2	
	1	24	21.80	21.83	21.89	21.89	21.89	2	
	256QAM	12	0	21.00	20.89	21.07	21.12	20.99	0-3
12		6	21.02	20.92	21.09	21.15	21.02	3	
12		13	20.90	20.93	21.05	21.14	20.89	3	
25		0	21.02	20.83	21.06	21.13	20.96	0-5	3
1		0	18.90	18.75	18.84	18.83	18.83		5
1		12	19.02	18.90	19.05	19.10	18.98		5
256QAM	1	24	18.71	18.76	18.90	19.06	18.76	0-5	5
	12	0	19.01	18.83	19.05	19.16	18.93		5
	12	6	19.01	18.90	19.07	19.10	19.00		5
	12	13	18.90	18.91	19.04	19.15	18.86	5	
	25	0	18.99	18.82	19.02	19.13	18.95	5	

**Table I-58**  
**LTE Band 41 PC3 Measured  $P_{Limit}$  for DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), 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	21.83	21.63	21.72	21.77	21.60	0	0
	1	36	21.78	21.86	21.90	21.91	21.92		0
	1	74	21.77	21.56	21.71	21.64	21.88		0
	36	0	21.84	21.77	21.85	21.96	21.87	0-1	0
	36	18	21.95	21.95	22.17	22.01	22.03		0
	36	37	21.90	21.88	21.93	21.95	21.99		0
16QAM	75	0	21.86	21.78	21.94	21.94	21.96	0-1	0
	1	0	21.91	21.56	21.67	21.73	21.61		0
	1	36	21.82	21.86	21.93	21.89	21.84		0
	1	74	21.86	21.59	21.66	21.82	21.89	0-2	0
	36	0	21.73	21.71	21.68	21.82	21.72		0
	36	18	21.86	21.85	21.85	21.86	21.88		0
64QAM	36	37	21.83	21.79	21.88	21.79	21.87	0-2	0
	75	0	21.79	21.70	21.80	21.77	21.83		0
	1	0	21.78	21.61	21.64	21.74	21.60		0-2
	1	36	21.82	21.85	21.97	21.81	21.83	0	
	1	74	21.78	21.38	21.80	21.67	21.94	0	
	256QAM	36	0	20.74	20.70	20.68	20.82	20.76	0-3
36		18	20.87	20.83	20.85	20.84	20.88	1	
36		37	20.81	20.81	20.88	20.82	20.88	1	
75		0	20.82	20.70	20.82	20.82	20.81	0-5	1
1		0	18.48	18.57	18.56	18.63	18.41		3
1		36	18.71	18.79	18.84	18.85	18.78		3
256QAM	1	74	18.53	18.50	18.55	18.61	18.77	0-5	3
	36	0	18.65	18.68	18.72	18.85	18.75		3
	36	18	18.80	18.83	18.82	18.89	18.88		3
	36	37	18.81	18.74	18.90	18.79	18.87	3	
	75	0	18.78	18.68	18.81	18.82	18.85	3	



FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 34 of 123

**Table I-59**  
**LTE Band 41 PC3 Measured  $P_{Limit}$  DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), 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	22.04	21.80	21.84	21.83	21.85	0	0
	1	25	21.92	21.91	21.94	21.93	21.94		0
	1	49	21.91	21.87	22.05	21.94	22.03		0
	25	0	21.89	21.77	21.78	21.86	21.88	0-1	0
	25	12	21.86	21.87	21.97	22.02	21.93		0
	25	25	21.91	21.94	22.03	22.04	22.00		0
16QAM	50	0	21.86	21.81	21.89	22.02	21.94	0-1	0
	1	0	22.05	21.82	21.59	21.85	21.80		0
	1	25	21.88	21.88	21.76	21.84	21.94		0
	1	49	21.96	21.90	21.95	21.96	21.96	0-2	0
	25	0	21.79	21.70	21.70	21.77	21.73		0
	25	12	21.81	21.78	21.81	21.80	21.82		0
64QAM	25	25	21.86	21.89	21.89	21.88	21.91	0-2	0
	50	0	21.77	21.76	21.83	21.88	21.84		0
	1	0	22.00	21.81	21.89	21.73	21.82		0
	1	25	21.94	21.83	21.95	21.96	21.87	0-2	0
	1	49	21.87	21.78	22.00	21.86	22.00		0
	25	0	20.79	20.73	20.67	20.73	20.72		1
256QAM	25	12	20.81	20.79	20.85	20.85	20.86	0-3	1
	25	25	20.86	20.87	20.90	20.88	20.90		1
	50	0	20.75	20.75	20.83	20.83	20.80		1
	1	0	18.57	18.57	18.62	18.59	18.71	0-5	3
	1	25	18.69	18.91	18.80	18.81	18.84		3
	1	49	18.75	18.82	18.83	18.93	18.84		3
25	0	18.65	18.72	18.69	18.75	18.68	3		
25	12	18.70	18.74	18.87	18.89	18.87	3		
25	25	18.83	18.84	18.89	18.96	18.92	3		
50	0	18.68	18.73	18.84	18.85	18.83	3		

**Table I-60**  
**LTE Band 41 PC3 Measured  $P_{Limit}$  DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot Mode), 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	21.95	22.07	22.08	22.03	21.95	0	0	
	1	12	22.05	22.06	22.06	22.16	22.08		0	
	1	24	21.95	21.96	21.99	22.04	22.01		0	
	12	0	22.03	22.09	22.11	22.14	22.12	0-1	0	
	12	6	22.05	22.16	22.16	22.17	22.16		0	
	12	13	22.04	22.11	22.09	22.14	22.11		0	
16QAM	25	0	22.02	22.08	22.14	22.14	22.13	0-1	0	
	1	0	21.99	22.06	22.05	21.94	22.03		0	
	1	12	21.97	22.04	22.07	21.98	22.15		0	
	1	24	21.85	21.95	21.97	22.08	22.12	0-2	0	
	12	0	21.93	21.98	22.08	22.04	22.06		0	
	12	6	22.00	22.05	22.11	22.07	22.11		0	
64QAM	12	13	21.99	22.03	22.05	22.02	22.08	0-2	0	
	25	0	21.96	22.04	22.06	22.04	22.03		0	
	1	0	21.87	22.04	22.04	21.92	21.96		0	
	1	12	21.97	22.05	22.02	22.02	22.08	0-2	0	
	1	24	21.82	21.97	22.01	21.95	21.73		0	
	12	0	20.90	21.08	21.06	21.04	21.01		0-3	1
12	6	21.00	21.07	21.07	21.07	21.03	1			
12	13	20.98	21.03	21.05	21.07	21.04	1			
256QAM	25	0	20.96	21.04	21.05	21.05	21.08	0-3	1	
	1	0	18.81	18.72	19.00	18.83	18.99		0-5	3
	1	12	18.91	18.94	18.52	19.07	19.00			3
	1	24	18.80	18.90	18.96	18.91	18.75	3		
	12	0	18.90	19.03	19.05	19.05	19.03	3		
	12	6	18.96	19.04	19.02	19.09	19.06	3		
12	13	18.95	19.00	19.07	19.02	19.03	3			
25	0	18.91	19.01	18.99	19.05	19.02	3			



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 35 of 123

## I.2 NR Lower Bandwidth RF Conducted Powers

### I.2.1 NR Band n71

Table I-61  
NR Band n71 Measured  $P_{Max}$  for all DSI – 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.19	0	0.0
	1	40	24.08		0.0
	1	77	24.20		0.0
	36	0	23.71	0-0.5	0.5
	36	22	24.16	0	0.0
	36	43	23.66	0-0.5	0.5
	75	0	23.71		0.5
DFT-s-OFDM QPSK	1	1	24.09	0	0.0
	1	40	23.94		0.0
	1	77	24.06		0.0
	36	0	23.30	0-1	1.0
	36	22	24.20	0	0.0
	36	43	23.15	0-1	1.0
	75	0	23.28		1.0
DFT-s-OFDM 16QAM	1	1	23.61	0-1	1.0
CP-OFDM QPSK	1	1	22.83	0-1.5	1.5




FCC ID A3LSMS908U	 PCTEST Proud to be part of Samsung	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 36 of 123

**Table I-62**  
**NR Band n71 Measured P<sub>Max</sub> for all DSI – 10 MHz Bandwidth**

NR Band n71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.06	24.00	24.12	0	0.0
	1	26	24.02	24.06	24.11		0.0
	1	50	24.11	24.14	24.17		0.0
	25	0	23.63	23.63	23.65	0-0.5	0.5
	25	14	24.12	24.11	24.16	0	0.0
	25	27	23.72	23.54	23.69	0-0.5	0.5
	50	0	23.65	23.64	23.65		0.5
DFT-s-OFDM QPSK	1	1	24.01	23.90	23.99	0	0.0
	1	26	23.96	23.92	24.02		0.0
	1	50	24.04	24.01	23.96		0.0
	25	0	23.21	23.16	23.09	0-1	1.0
	25	14	24.15	24.14	24.15	0	0.0
	25	27	23.19	23.08	23.18	0-1	1.0
	50	0	23.16	23.16	23.12		1.0
DFT-s-OFDM 16QAM	1	1	23.02	23.40	23.38	0-1	1.0
CP-OFDM QPSK	1	1	22.57	22.48	22.50	0-1.5	1.5

**Table I-63**  
**NR Band n71 Measured P<sub>Max</sub> for all DSI – 5 MHz Bandwidth**



NR Band n71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.17	24.02	24.14	0	0.0
	1	13	24.12	24.08	24.24		0.0
	1	23	24.07	23.97	24.19		0.0
	12	0	23.69	23.62	23.77	0-0.5	0.5
	12	7	24.16	24.12	24.33	0	0.0
	12	13	23.68	23.60	23.79	0-0.5	0.5
	25	0	23.69	23.64	23.76		0.5
DFT-s-OFDM QPSK	1	1	24.01	23.90	24.03	0	0.0
	1	13	23.98	23.94	24.19		0.0
	1	23	23.93	23.87	24.08		0.0
	12	0	23.16	23.12	23.30	0-1	1.0
	12	7	24.17	24.10	24.33	0	0.0
	12	13	23.17	23.10	23.27	0-1	1.0
	25	0	23.20	23.12	23.30		1.0
DFT-s-OFDM 16QAM	1	1	23.13	23.47	23.43	0-1	1.0
CP-OFDM QPSK	1	1	22.61	22.49	22.62	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 37 of 123

## I.2.2 NR Band n12



**Table I-64**  
**NR Band n12 Measured  $P_{Max}$  for all DSI – 10 MHz Bandwidth**

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.12	0	0.0
	1	26	24.20		0.0
	1	50	24.06		0.0
	25	0	23.76	0-0.5	0.5
	25	14	24.21	0	0.0
	25	27	23.65	0-0.5	0.5
	50	0	23.71		0.5
DFT-s-OFDM QPSK	1	1	24.10	0	0.0
	1	26	24.06		0.0
	1	50	23.92		0.0
	25	0	23.27	0-1	1.0
	25	14	24.20	0	0.0
	25	27	23.15	0-1	1.0
	50	0	23.21		1.0
DFT-s-OFDM 16QAM	1	1	23.40	0-1	1.0
CP-OFDM QPSK	1	1	22.59	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of Samsung</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 38 of 123

**Table I-65  
NR Band n12 Measured P<sub>Max</sub> for all DSI – 5 MHz Bandwidth**



NR Band n12 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]	
			140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)			
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.08	24.11	23.92	0	0.0	
	1	13	24.15	24.08	23.97		0.0	
	1	23	24.13	24.01	24.11		0.0	
		12	0	23.70	23.77	23.61	0-0.5	0.5
		12	7	24.22	24.19	24.10	0	0.0
		12	13	23.68	23.68	23.59	0-0.5	0.5
		25	0	23.75	23.71	23.64		0.5
DFT-s-OFDM QPSK	1	1	23.96	24.10	23.87	0	0.0	
	1	13	24.02	24.10	23.91		0.0	
	1	23	23.93	24.01	24.00		0.0	
		12	0	23.20	23.26	23.09	0-1	1.0
		12	7	24.17	24.24	24.05	0	0.0
		12	13	23.15	23.17	23.04	0-1	1.0
		25	0	23.22	23.19	23.10		1.0
DFT-s-OFDM 16QAM	1	1	23.51	23.20	23.36	0-1	1.0	
CP-OFDM QPSK	1	1	22.56	22.65	22.43	0-1.5	1.5	

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 39 of 123		

### I.2.3 NR Band n5

**Table I-66**  
**NR Band n5 Measured  $P_{Max}$  for all DSI – 15 MHz Bandwidth**



NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.05	0	0.0
	1	40	24.02		0.0
	1	77	24.00		0.0
	36	0	23.69	0-0.5	0.5
	36	22	24.10	0	0.0
	36	43	23.55	0-0.5	0.5
	75	0	23.61		0.5
DFT-s-OFDM QPSK	1	1	24.02	0	0.0
	1	40	23.91		0.0
	1	77	23.93		0.0
	36	0	23.14	0-1	1.0
	36	22	24.10	0	0.0
	36	43	23.04	0-1	1.0
	75	0	23.15		1.0
DFT-s-OFDM 16QAM	1	1	23.61	0-1	1.0
CP-OFDM QPSK	1	1	22.63	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of Samsung</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 40 of 123





**Table I-67  
NR Band n5 Measured P<sub>Max</sub> for all DSI – 10 MHz Bandwidth**

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.93	0	0.0
	1	26	23.90		0.0
	1	50	23.85		0.0
	25	0	23.59	0-0.5	0.5
	25	14	24.02	0	0.0
	25	27	23.50	0-0.5	0.5
	50	0	23.56		0.5
DFT-s-OFDM QPSK	1	1	23.83	0	0.0
	1	26	23.77		0.0
	1	50	23.80		0.0
	25	0	23.05	0-1	1.0
	25	14	24.01	0	0.0
	25	27	22.98	0-1	1.0
	50	0	23.05		1.0
DFT-s-OFDM 16QAM	1	1	23.40	0-1	1.0
CP-OFDM QPSK	1	1	22.39	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 41 of 123

**Table I-68**  
**NR Band n5 Measured P<sub>Max</sub> for all DSI – 5 MHz Bandwidth**



NR Band n5 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]	
			165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)			
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.00	23.91	23.80	0	0.0	
	1	13	24.09	23.79	23.77		0.0	
	1	23	24.05	23.83	23.81		0.0	
		12	0	23.51	23.37	23.30	0-0.5	0.5
		12	7	24.10	23.90	23.79	0	0.0
		12	13	23.57	23.40	23.41	0-0.5	0.5
		25	0	23.61	23.44	23.29		0.5
DFT-s-OFDM QPSK	1	1	23.98	23.75	23.74	0	0.0	
	1	13	23.90	23.68	23.70		0.0	
	1	23	23.95	23.76	23.77		0.0	
		12	0	23.05	22.89	22.82	0-1	1.0
		12	7	24.11	23.82	23.77	0	0.0
		12	13	23.06	22.88	22.85	0-1	1.0
		25	0	23.07	22.93	22.79		1.0
DFT-s-OFDM 16QAM	1	1	23.33	23.31	23.12	0-1	1.0	
CP-OFDM QPSK	1	1	22.47	22.25	22.22	0-1.5	1.5	

FCC ID A3LSMS908U	 <b>PCTEST</b> <small>Proud to be part of the element</small>	<b>SAR EVALUATION REPORT</b>		<b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 09/21/21 – 12/06/21	<b>DUT Type:</b> Portable Handset		APPENDIX I: Page 42 of 123	

## I.2.4 NR Band n66 Antenna A

**Table I-69**  
**NR Band n66 Antenna A Measured P<sub>Max</sub> – 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	23.46	0	0.0
	1	80	23.45		0.0
	1	158	23.44		0.0
	80	0	23.05	0-0.5	0.5
	80	40	23.54	0	0.0
	80	80	23.10	0-0.5	0.5
	160	0	23.06		0.5
DFT-s-OFDM QPSK	1	1	23.43	0	0.0
	1	80	23.41		0.0
	1	158	23.31		0.0
	80	0	22.55	0-1	1.0
	80	40	23.53	0	0.0
	80	80	22.60	0-1	1.0
	160	0	22.54		1.0
DFT-s-OFDM 16QAM	1	1	22.60	0-1	1.0
CP-OFDM QPSK	1	1	21.96	0-1.5	1.5



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 43 of 123

**Table I-70**  
**NR Band n66 Antenna A Measured P<sub>Max</sub> – 20 MHz Bandwidth**

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.46	23.51	23.32	0	0.0
	1	53	23.47	23.43	23.30		0.0
	1	104	23.52	23.43	23.48		0.0
	50	0	23.21	23.07	22.93	0-0.5	0.5
	50	28	23.68	23.60	23.41	0	0.0
	50	56	23.14	23.08	22.92	0-0.5	0.5
	100	0	23.18	23.01	22.92		0.5
DFT-s-OFDM QPSK	1	1	23.48	23.57	23.26	0	0.0
	1	53	23.54	23.49	23.27		0.0
	1	104	23.60	23.48	23.39		0.0
	50	0	22.67	22.56	22.39	0-1	1.0
	50	28	23.65	23.57	23.35	0	0.0
	50	56	22.64	22.55	22.37	0-1	1.0
	100	0	22.68	22.53	22.34		1.0
DFT-s-OFDM 16QAM	1	1	22.86	22.71	22.57	0-1	1.0
CP-OFDM QPSK	1	1	21.96	21.97	21.74	0-1.5	1.5

**Table I-71**  
**NR Band n66 Antenna A Measured P<sub>Max</sub> – 15 MHz Bandwidth**

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.46	23.51	23.32	0	0.0
	1	40	23.47	23.43	23.30		0.0
	1	77	23.52	23.43	23.48		0.0
	36	0	23.21	23.07	22.93	0-0.5	0.5
	36	22	23.68	23.60	23.41	0	0.0
	36	43	23.14	23.08	22.92	0-0.5	0.5
	75	0	23.18	23.01	22.92		0.5
DFT-s-OFDM QPSK	1	1	23.48	23.57	23.26	0	0.0
	1	40	23.54	23.49	23.27		0.0
	1	77	23.60	23.48	23.39		0.0
	36	0	22.67	22.56	22.39	0-1	1.0
	36	22	23.65	23.57	23.35	0	0.0
	36	43	22.64	22.55	22.37	0-1	1.0
	75	0	22.68	22.53	22.34		1.0
DFT-s-OFDM 16QAM	1	1	22.86	22.71	22.57	0-1	1.0
CP-OFDM QPSK	1	1	21.96	21.97	21.74	0-1.5	1.5



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 44 of 123

**Table I-72**  
**NR Band n66 Antenna A Measured P<sub>Max</sub> – 10 MHz Bandwidth**

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.55	23.47	23.40	0	0.0
	1	26	23.63	23.53	23.52		0.0
	1	50	23.50	23.45	23.47		0.0
	25	0	23.13	23.09	23.02	0-0.5	0.5
	25	14	23.61	23.55	23.56	0	0.0
	25	27	23.12	23.09	23.02	0-0.5	0.5
	50	0	23.17	23.09	23.07		0.5
DFT-s-OFDM QPSK	1	1	23.55	23.50	23.44	0	0.0
	1	26	23.61	23.56	23.49		0.0
	1	50	23.58	23.54	23.50		0.0
	25	0	22.68	22.57	22.46	0-1	1.0
	25	14	23.63	23.57	23.54	0	0.0
	25	27	22.58	22.55	22.52	0-1	1.0
	50	0	22.64	22.53	22.52		1.0
DFT-s-OFDM 16QAM	1	1	22.88	22.76	22.19	0-1	1.0
CP-OFDM QPSK	1	1	22.00	21.92	21.84	0-1.5	1.5



**Table I-73**  
**NR Band n66 Antenna A Measured P<sub>Max</sub> – 5 MHz Bandwidth**

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.45	23.47	23.35	0	0.0
	1	13	23.52	23.49	23.47		0.0
	1	23	23.54	23.45	23.44		0.0
	12	0	23.13	23.08	22.99	0-0.5	0.5
	12	7	23.62	23.53	23.47	0	0.0
	12	13	23.13	23.08	22.98	0-0.5	0.5
	25	0	23.10	23.06	22.99		0.5
DFT-s-OFDM QPSK	1	1	23.56	23.47	23.32	0	0.0
	1	13	23.63	23.53	23.47		0.0
	1	23	23.58	23.51	23.47		0.0
	12	0	22.59	22.58	22.44	0-1	1.0
	12	7	23.61	23.57	23.52	0	0.0
	12	13	22.57	22.55	22.44	0-1	1.0
	25	0	22.58	22.55	22.44		1.0
DFT-s-OFDM 16QAM	1	1	22.75	22.79	22.69	0-1	1.0
CP-OFDM QPSK	1	1	22.01	21.96	21.77	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 45 of 123

**Table I-74**  
**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	20.00	0	0.0
	1	80	20.03		0.0
	1	158	20.01		0.0
	80	0	20.11	0-0.5	0.0
	80	40	20.09	0	0.0
	80	80	20.17	0-0.5	0.0
	160	0	20.07		0.0
DFT-s-OFDM QPSK	1	1	19.95	0	0.0
	1	80	19.98		0.0
	1	158	19.93		0.0
	80	0	20.09	0-1	0.0
	80	40	20.07	0	0.0
	80	80	20.19	0-1	0.0
	160	0	20.09		0.0
DFT-s-OFDM 16QAM	1	1	20.30	0-1	0.0
CP-OFDM QPSK	1	1	20.03	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 46 of 123

**Table I-75**  
**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							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.14	20.14	19.98	0	0.0
	1	53	20.21	20.09	19.93		0.0
	1	104	20.22	20.10	20.16		0.0
	50	0	20.37	20.28	20.08	0-0.5	0.0
	50	28	20.35	20.23	20.05	0	0.0
	50	56	20.33	20.24	20.10	0-0.5	0.0
	100	0	20.34	20.24	20.07		0.0
DFT-s-OFDM QPSK	1	1	20.14	20.09	19.87	0	0.0
	1	53	20.22	20.10	19.92		0.0
	1	104	20.19	20.09	20.11		0.0
	50	0	20.36	20.24	20.02	0-1	0.0
	50	28	20.34	20.23	20.07	0	0.0
	50	56	20.29	20.22	20.09	0-1	0.0
	100	0	20.34	20.19	20.06		0.0
DFT-s-OFDM 16QAM	1	1	20.51	20.50	20.29	0-1	0.0
CP-OFDM QPSK	1	1	20.19	20.16	20.05	0-1.5	0.0

**Table I-76**  
**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							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.13	20.13	19.82	0	0.0
	1	40	20.24	20.07	19.87		0.0
	1	77	20.23	20.10	20.02		0.0
	36	0	20.25	20.24	20.01	0-0.5	0.0
	36	22	20.31	20.21	19.97	0	0.0
	36	43	20.35	20.22	20.01	0-0.5	0.0
	75	0	20.37	20.21	20.00		0.0
DFT-s-OFDM QPSK	1	1	20.08	20.06	19.87	0	0.0
	1	40	20.16	20.05	19.88		0.0
	1	77	20.28	20.15	20.01		0.0
	36	0	20.29	20.19	20.00	0-1	0.0
	36	22	20.32	20.18	19.99	0	0.0
	36	43	20.31	20.19	19.97	0-1	0.0
	75	0	20.36	20.20	19.99		0.0
DFT-s-OFDM 16QAM	1	1	20.51	20.41	20.20	0-1	0.0
CP-OFDM QPSK	1	1	20.21	20.13	19.82	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 47 of 123

**Table I-77**  
**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							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.08	19.96	19.91	0	0.0
	1	26	20.11	19.98	19.97		0.0
	1	50	20.04	19.93	20.03		0.0
	25	0	20.19	20.05	19.99	0-0.5	0.0
	25	14	20.19	20.04	20.01	0	0.0
	25	27	20.18	20.03	20.04	0-0.5	0.0
	50	0	20.18	20.07	20.03		0.0
DFT-s-OFDM QPSK	1	1	20.02	19.93	19.92	0	0.0
	1	26	20.07	19.97	19.95		0.0
	1	50	20.01	19.95	19.97		0.0
	25	0	20.21	20.07	20.04	0-1	0.0
	25	14	20.18	20.06	20.00	0	0.0
	25	27	20.19	20.07	20.03	0-1	0.0
	50	0	20.15	20.06	20.06		0.0
DFT-s-OFDM 16QAM	1	1	20.01	20.30	20.23	0-1	0.0
CP-OFDM QPSK	1	1	20.09	19.91	19.85	0-1.5	0.0

**Table I-78**  
**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							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.01	19.97	19.85	0	0.0
	1	13	20.04	19.99	19.91		0.0
	1	23	19.95	19.96	19.86		0.0
	12	0	20.13	20.09	19.98	0-0.5	0.0
	12	7	20.12	20.06	19.99	0	0.0
	12	13	20.11	20.07	20.00	0-0.5	0.0
	25	0	20.09	20.08	19.97		0.0
DFT-s-OFDM QPSK	1	1	19.97	19.85	19.86	0	0.0
	1	13	20.01	19.84	19.95		0.0
	1	23	19.99	19.79	19.92		0.0
	12	0	20.08	19.79	19.96	0-1	0.0
	12	7	20.11	19.80	20.01	0	0.0
	12	13	20.06	19.81	19.98	0-1	0.0
	25	0	20.09	19.80	19.95		0.0
DFT-s-OFDM 16QAM	1	1	20.34	20.26	20.21	0-1	0.0
CP-OFDM QPSK	1	1	20.01	19.89	19.79	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 48 of 123



**Table I-79  
NR Band n66 Antenna A Measured P<sub>Limit</sub> 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	19.12	0	0.0
	1	80	19.09		0.0
	1	158	19.03		0.0
	80	0	19.18	0-0.5	0.0
	80	40	19.15	0	0.0
	80	80	19.27	0-0.5	0.0
	160	0	19.17		0.0
DFT-s-OFDM QPSK	1	1	19.11	0	0.0
	1	80	19.02		0.0
	1	158	19.01		0.0
	80	0	19.16	0-1	0.0
	80	40	19.15	0	0.0
	80	80	19.25	0-1	0.0
	160	0	19.16		0.0
DFT-s-OFDM 16QAM	1	1	19.40	0-1	0.0
CP-OFDM QPSK	1	1	19.10	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 49 of 123

**Table I-80**  
**NR Band n66 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 20 MHz Bandwidth**

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.63	18.64	18.43	0	0.0
	1	53	18.64	18.63	18.40		0.0
	1	104	18.63	18.55	18.59		0.0
	50	0	18.81	18.70	18.48	0-0.5	0.0
	50	28	18.79	18.65	18.46	0	0.0
	50	56	18.75	18.67	18.51	0-0.5	0.0
	100	0	18.77	18.54	18.48		0.0
DFT-s-OFDM QPSK	1	1	18.59	18.60	18.41	0	0.0
	1	53	18.64	18.53	18.41		0.0
	1	104	18.63	18.53	18.57		0.0
	50	0	18.78	18.67	18.49	0-1	0.0
	50	28	18.77	18.69	18.49	0	0.0
	50	56	18.76	18.70	18.48	0-1	0.0
	100	0	18.74	18.67	18.50		0.0
DFT-s-OFDM 16QAM	1	1	18.93	18.92	18.65	0-1	0.0
CP-OFDM QPSK	1	1	18.63	18.60	18.31	0-1.5	0.0

**Table I-81**  
**NR Band n66 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 15 MHz Bandwidth**

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.58	18.53	18.32	0	0.0
	1	40	18.68	18.51	18.33		0.0
	1	77	18.74	18.46	18.53		0.0
	36	0	18.79	18.70	18.50	0-0.5	0.0
	36	22	18.82	18.65	18.47	0	0.0
	36	43	18.85	18.71	18.52	0-0.5	0.0
	75	0	18.86	18.69	18.52		0.0
DFT-s-OFDM QPSK	1	1	18.68	18.57	18.36	0	0.0
	1	40	18.74	18.56	18.36		0.0
	1	77	18.75	18.59	18.57		0.0
	36	0	18.76	18.70	18.47	0-1	0.0
	36	22	18.84	18.66	18.47	0	0.0
	36	43	18.82	18.70	18.49	0-1	0.0
	75	0	18.84	18.66	18.47		0.0
DFT-s-OFDM 16QAM	1	1	19.00	18.97	18.67	0-1	0.0
CP-OFDM QPSK	1	1	18.67	18.60	18.31	0-1.5	0.0



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 50 of 123

**Table I-82**  
**NR Band n66 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 10 MHz Bandwidth**

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.59	18.54	18.48	0	0.0
	1	26	18.62	18.58	18.53		0.0
	1	50	18.59	18.50	18.52		0.0
	25	0	18.70	18.59	18.56	0-0.5	0.0
	25	14	18.71	18.60	18.55	0	0.0
	25	27	18.69	18.55	18.54	0-0.5	0.0
	50	0	18.71	18.57	18.56		0.0
DFT-s-OFDM QPSK	1	1	18.57	18.56	18.41	0	0.0
	1	26	18.66	18.56	18.45		0.0
	1	50	18.62	18.57	18.43		0.0
	25	0	18.74	18.59	18.54	0-1	0.0
	25	14	18.73	18.55	18.54	0	0.0
	25	27	18.70	18.56	18.53	0-1	0.0
	50	0	18.73	18.56	18.58		0.0
DFT-s-OFDM 16QAM	1	1	18.97	18.83	18.76	0-1	0.0
CP-OFDM QPSK	1	1	18.62	18.43	18.32	0-1.5	0.0

**Table I-83**  
**NR Band n66 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth**

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.53	18.43	18.40	0	0.0
	1	13	18.59	18.45	18.43		0.0
	1	23	18.52	18.44	18.48		0.0
	12	0	18.64	18.64	18.52	0-0.5	0.0
	12	7	18.65	18.60	18.53	0	0.0
	12	13	18.67	18.56	18.50	0-0.5	0.0
	25	0	18.63	18.59	18.51		0.0
DFT-s-OFDM QPSK	1	1	18.56	18.50	18.42	0	0.0
	1	13	18.61	18.58	18.51		0.0
	1	23	18.59	18.53	18.42		0.0
	12	0	18.64	18.59	18.46	0-1	0.0
	12	7	18.66	18.63	18.53	0	0.0
	12	13	18.64	18.59	18.51	0-1	0.0
	25	0	18.62	18.56	18.52		0.0
DFT-s-OFDM 16QAM	1	1	18.87	18.81	18.77	0-1	0.0
CP-OFDM QPSK	1	1	18.52	18.46	18.43	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 51 of 123

## I.2.5 NR Band n66 Antenna J

Table I-84

NR Band n66 Antenna J 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 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	18.86	0	0.0
	1	80	19.25		0.0
	1	158	19.16		0.0
	80	0	19.08	0-0.5	0.0
	80	40	19.21	0	0.0
	80	80	19.37	0-0.5	0.0
	160	0	19.23		0.0
DFT-s-OFDM QPSK	1	1	18.83	0	0.0
	1	80	19.12		0.0
	1	158	19.15		0.0
	80	0	19.11	0-1	0.0
	80	40	19.22	0	0.0
	80	80	19.31	0-1	0.0
	160	0	19.21		0.0
DFT-s-OFDM 16QAM	1	1	18.96	0-1	0.0
CP-OFDM QPSK	1	1	18.73	0-1.5	0.0




FCC ID A3LSMS908U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 52 of 123

Table I-85

NR Band n66 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.01	18.60	18.49	0	0.0
	1	53	18.25	18.71	18.63		0.0
	1	104	18.47	18.75	18.76		0.0
	50	0	18.24	18.74	18.52	0-0.5	0.0
	50	28	18.29	18.73	18.69	0	0.0
	50	56	18.45	18.73	18.70	0-0.5	0.0
	100	0	18.38	18.73	18.62		0.0
DFT-s-OFDM QPSK	1	1	18.06	18.49	18.55	0	0.0
	1	53	18.19	18.53	18.57		0.0
	1	104	18.54	18.55	18.66		0.0
	50	0	18.21	18.68	18.53	0-1	0.0
	50	28	18.34	18.67	18.57	0	0.0
	50	56	18.45	18.66	18.68	0-1	0.0
	100	0	18.37	18.67	18.64		0.0
DFT-s-OFDM 16QAM	1	1	18.43	18.85	18.83	0-1	0.0
CP-OFDM QPSK	1	1	18.32	18.39	18.48	0-1.5	0.0

Table I-86

NR Band n66 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.05	18.55	18.44	0	0.0
	1	40	18.24	18.64	18.43		0.0
	1	77	18.33	18.70	18.63		0.0
	36	0	18.27	18.74	18.60	0-0.5	0.0
	36	22	18.36	18.66	18.62	0	0.0
	36	43	18.34	18.70	18.60	0-0.5	0.0
	75	0	18.29	18.68	18.65		0.0
DFT-s-OFDM QPSK	1	1	18.10	18.39	18.37	0	0.0
	1	40	18.23	18.43	18.28		0.0
	1	77	18.41	18.47	18.59		0.0
	36	0	18.25	18.70	18.64	0-1	0.0
	36	22	18.30	18.69	18.58	0	0.0
	36	43	18.38	18.69	18.68	0-1	0.0
	75	0	18.28	18.74	18.67		0.0
DFT-s-OFDM 16QAM	1	1	18.43	18.59	18.76	0-1	0.0
CP-OFDM QPSK	1	1	18.02	18.38	18.45	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 53 of 123

Table I-87




NR Band n66 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.10	18.49	18.47	0	0.0
	1	26	18.18	18.67	18.50		0.0
	1	50	18.21	18.69	18.52		0.0
	25	0	18.22	18.49	18.57	0-0.5	0.0
	25	14	18.22	18.62	18.61	0	0.0
	25	27	18.31	18.61	18.59	0-0.5	0.0
	50	0	18.24	18.61	18.62		0.0
DFT-s-OFDM QPSK	1	1	18.21	18.50	18.51	0	0.0
	1	26	18.24	18.64	18.48		0.0
	1	50	18.27	18.56	18.57		0.0
	25	0	18.18	18.49	18.54	0-1	0.0
	25	14	18.17	18.59	18.56	0	0.0
	25	27	18.31	18.60	18.60	0-1	0.0
	50	0	18.19	18.61	18.55		0.0
DFT-s-OFDM 16QAM	1	1	18.22	18.49	18.81	0-1	0.0
CP-OFDM QPSK	1	1	18.08	18.36	18.47	0-1.5	0.0

Table I-88



NR Band n66 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.14	18.34	18.52	0	0.0
	1	13	18.19	18.54	18.49		0.0
	1	23	18.24	18.54	18.52		0.0
	12	0	18.14	18.55	18.56	0-0.5	0.0
	12	7	18.18	18.59	18.52	0	0.0
	12	13	18.17	18.61	18.59	0-0.5	0.0
	25	0	18.12	18.54	18.59		0.0
DFT-s-OFDM QPSK	1	1	18.11	18.31	18.41	0	0.0
	1	13	18.17	18.57	18.45		0.0
	1	23	18.15	18.50	18.51		0.0
	12	0	18.13	18.57	18.52	0-1	0.0
	12	7	18.19	18.60	18.54	0	0.0
	12	13	18.16	18.60	18.59	0-1	0.0
	25	0	18.10	18.61	18.54		0.0
DFT-s-OFDM 16QAM	1	1	18.29	18.62	18.74	0-1	0.0
CP-OFDM QPSK	1	1	18.05	18.27	18.36	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 54 of 123

**Table I-89  
NR Band n66 Antenna J Measured P<sub>Limit</sub> 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	17.92	0	0.0
	1	80	18.27		0.0
	1	158	18.17		0.0
	80	0	18.06	0-0.5	0.0
	80	40	18.14	0	0.0
	80	80	18.34	0-0.5	0.0
	160	0	18.15		0.0
DFT-s-OFDM QPSK	1	1	17.87	0	0.0
	1	80	18.07		0.0
	1	158	18.09		0.0
	80	0	18.01	0-1	0.0
	80	40	18.12	0	0.0
	80	80	18.29	0-1	0.0
	160	0	18.18		0.0
DFT-s-OFDM 16QAM	1	1	18.16	0-1	0.0
CP-OFDM QPSK	1	1	17.79	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 55 of 123

**Table I-90**  
**NR Band n66 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 20 MHz Bandwidth**

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.06	17.41	17.43	0	0.0
	1	53	17.15	17.57	17.59		0.0
	1	104	17.45	17.61	17.66		0.0
	50	0	17.15	17.67	17.51	0-0.5	0.0
	50	28	17.30	17.69	17.57	0	0.0
	50	56	17.41	17.70	17.60	0-0.5	0.0
	100	0	17.28	17.70	17.59		0.0
DFT-s-OFDM QPSK	1	1	17.01	17.73	17.44	0	0.0
	1	53	17.26	17.84	17.55		0.0
	1	104	17.40	17.90	17.60		0.0
	50	0	17.12	17.59	17.47	0-1	0.0
	50	28	17.27	17.59	17.56	0	0.0
	50	56	17.39	17.57	17.56	0-1	0.0
	100	0	17.31	17.69	17.57		0.0
DFT-s-OFDM 16QAM	1	1	17.36	17.78	17.76	0-1	0.0
CP-OFDM QPSK	1	1	16.94	17.41	17.39	0-1.5	0.0

**Table I-91**  
**NR Band n66 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 15 MHz Bandwidth**

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.03	17.49	17.48	0	0.0
	1	40	17.16	17.59	17.52		0.0
	1	77	17.32	17.67	17.72		0.0
	36	0	17.26	17.68	17.64	0-0.5	0.0
	36	22	17.29	17.61	17.58	0	0.0
	36	43	17.34	17.67	17.59	0-0.5	0.0
	75	0	17.24	17.63	17.57		0.0
DFT-s-OFDM QPSK	1	1	17.04	17.48	17.39	0	0.0
	1	40	17.09	17.46	17.45		0.0
	1	77	17.31	17.57	17.65		0.0
	36	0	17.23	17.64	17.57	0-1	0.0
	36	22	17.30	17.61	17.59	0	0.0
	36	43	17.30	17.65	17.63	0-1	0.0
	75	0	17.21	17.63	17.57		0.0
DFT-s-OFDM 16QAM	1	1	17.43	17.77	17.75	0-1	0.0
CP-OFDM QPSK	1	1	16.97	17.45	17.38	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 56 of 123






**Table I-92**  
**NR Band n66 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 10 MHz Bandwidth**

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.05	17.40	17.47	0	0.0
	1	26	17.18	17.50	17.59		0.0
	1	50	17.26	17.61	17.51		0.0
	25	0	17.17	17.41	17.51	0-0.5	0.0
	25	14	17.15	17.53	17.52	0	0.0
	25	27	17.29	17.58	17.49	0-0.5	0.0
	50	0	17.19	17.52	17.52		0.0
DFT-s-OFDM QPSK	1	1	17.12	17.44	17.42	0	0.0
	1	26	17.24	17.51	17.51		0.0
	1	50	17.24	17.52	17.51		0.0
	25	0	17.18	17.41	17.51	0-1	0.0
	25	14	17.16	17.51	17.53	0	0.0
	25	27	17.23	17.60	17.55	0-1	0.0
	50	0	17.15	17.56	17.48		0.0
DFT-s-OFDM 16QAM	1	1	17.47	17.79	17.78	0-1	0.0
CP-OFDM QPSK	1	1	17.02	17.54	17.43	0-1.5	0.0

**Table I-93**  
**NR Band n66 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 5 MHz Bandwidth**



NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.03	17.31	17.45	0	0.0
	1	13	17.08	17.52	17.54		0.0
	1	23	17.03	17.45	17.54		0.0
	12	0	17.13	17.51	17.52	0-0.5	0.0
	12	7	17.16	17.59	17.52	0	0.0
	12	13	17.10	17.56	17.54	0-0.5	0.0
	25	0	17.12	17.54	17.53		0.0
DFT-s-OFDM QPSK	1	1	17.00	17.33	17.36	0	0.0
	1	13	17.06	17.50	17.43		0.0
	1	23	17.02	17.43	17.51		0.0
	12	0	17.09	17.49	17.49	0-1	0.0
	12	7	17.11	17.59	17.50	0	0.0
	12	13	17.08	17.55	17.49	0-1	0.0
	25	0	17.11	17.54	17.52		0.0
DFT-s-OFDM 16QAM	1	1	17.31	17.68	17.68	0-1	0.0
CP-OFDM QPSK	1	1	17.00	17.26	17.37	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 57 of 123		

## I.2.6 NR Band n25 Antenna A



**Table I-94**  
**NR Band n25 Antenna A Measured P<sub>Max</sub> – 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	23.79	0	0.0
	1	80	23.87		0.0
	1	158	23.89		0.0
	80	0	23.27	0-0.5	0.5
	80	40	23.88	0	0.0
	80	80	23.26	0-0.5	0.5
	160	0	23.25		0.5
DFT-s-OFDM QPSK	1	1	23.79	0	0.0
	1	80	23.81		0.0
	1	158	23.88		0.0
	80	0	22.98	0-1	1.0
	80	40	23.92	0	0.0
	80	80	22.96	0-1	1.0
	160	0	22.95		1.0
DFT-s-OFDM 16QAM	1	1	22.62	0-1	1.0
CP-OFDM QPSK	1	1	22.32	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 58 of 123

**Table I-95**  
**NR Band n25 Antenna A Measured P<sub>Max</sub> – 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	23.68	0	0.0
	1	67	23.66		0.0
	1	131	23.60		0.0
	64	0	23.35	0-0.5	0.5
	64	35	23.83	0	0.0
	64	69	23.28	0-0.5	0.5
	128	0	23.36		0.5
DFT-s-OFDM QPSK	1	1	23.69	0	0.0
	1	67	23.65		0.0
	1	131	23.63		0.0
	64	0	22.83	0-1	1.0
	64	35	23.85	0	0.0
	64	69	22.75	0-1	1.0
	128	0	22.83		1.0
DFT-s-OFDM 16QAM	1	1	23.00	0-1	1.0
CP-OFDM QPSK	1	1	22.19	0-1.5	1.5



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 59 of 123

**Table I-96**  
**NR Band n25 Antenna A Measured P<sub>Max</sub> – 20 MHz Bandwidth**

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.77	23.67	23.72	0	0.0
	1	53	23.74	23.64	23.71		0.0
	1	104	23.74	23.58	23.64		0.0
	50	0	23.35	23.35	23.35	0-0.5	0.5
	50	28	23.82	23.79	23.83	0	0.0
	50	56	23.41	23.25	23.30	0-0.5	0.5
	100	0	23.30	23.35	23.31		0.5
DFT-s-OFDM QPSK	1	1	23.72	23.71	23.66	0	0.0
	1	53	23.69	23.62	23.64		0.0
	1	104	23.76	23.55	23.62		0.0
	50	0	22.84	22.82	22.80	0-1	1.0
	50	28	23.82	23.82	23.80	0	0.0
	50	56	22.90	22.79	22.78	0-1	1.0
	100	0	22.85	22.78	22.77		1.0
DFT-s-OFDM 16QAM	1	1	23.10	23.04	23.00	0-1	1.0
CP-OFDM QPSK	1	1	22.20	22.21	22.17	0-1.5	1.5

**Table I-97**  
**NR Band n25 Antenna A Measured P<sub>Max</sub> – 15 MHz Bandwidth**

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.78	23.72	23.61	0	0.0
	1	40	23.65	23.61	23.66		0.0
	1	77	23.79	23.66	23.60		0.0
	36	0	23.38	23.31	23.29	0-0.5	0.5
	36	22	23.81	23.79	23.79	0	0.0
	36	43	23.43	23.28	23.34	0-0.5	0.5
	75	0	23.33	23.28	23.25		0.5
DFT-s-OFDM QPSK	1	1	23.68	23.73	23.62	0	0.0
	1	40	23.59	23.59	23.59		0.0
	1	77	23.73	23.65	23.60		0.0
	36	0	22.83	22.76	22.75	0-1	1.0
	36	22	23.81	23.79	23.76	0	0.0
	36	43	22.90	22.79	22.77	0-1	1.0
	75	0	22.86	22.81	22.80		1.0
DFT-s-OFDM 16QAM	1	1	23.12	23.11	22.95	0-1	1.0
CP-OFDM QPSK	1	1	22.28	22.30	22.14	0-1.5	1.5



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 60 of 123

**Table I-98**  
**NR Band n25 Antenna A Measured P<sub>Max</sub> – 10 MHz Bandwidth**

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.60	23.45	23.53	0	0.0
	1	26	23.60	23.54	23.62		0.0
	1	50	23.64	23.54	23.61		0.0
	25	0	23.22	23.19	23.11	0-0.5	0.5
	25	14	23.64	23.69	23.61	0	0.0
	25	27	23.14	23.18	23.10	0-0.5	0.5
	50	0	23.19	23.19	23.15		0.5
DFT-s-OFDM QPSK	1	1	23.61	23.44	23.46	0	0.0
	1	26	23.59	23.57	23.50		0.0
	1	50	23.58	23.51	23.61		0.0
	25	0	22.68	22.69	22.59	0-1	1.0
	25	14	23.69	23.70	23.62	0	0.0
	25	27	22.65	22.66	22.51	0-1	1.0
	50	0	22.69	22.72	22.64		1.0
DFT-s-OFDM 16QAM	1	1	22.97	22.80	22.80	0-1	1.0
CP-OFDM QPSK	1	1	22.03	21.95	21.97	0-1.5	1.5



**Table I-99**  
**NR Band n25 Antenna A Measured P<sub>Max</sub> – 5 MHz Bandwidth**

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.54	23.56	23.41	0	0.0
	1	13	23.51	23.55	23.52		0.0
	1	23	23.61	23.64	23.55		0.0
	12	0	23.14	23.20	23.07	0-0.5	0.5
	12	7	23.64	23.65	23.54	0	0.0
	12	13	23.14	23.18	23.20	0-0.5	0.5
	25	0	23.16	23.18	23.09		0.5
DFT-s-OFDM QPSK	1	1	23.58	23.62	23.45	0	0.0
	1	13	23.61	23.61	23.64		0.0
	1	23	23.56	23.59	23.61		0.0
	12	0	22.67	22.67	22.60	0-1	1.0
	12	7	23.62	23.66	23.62	0	0.0
	12	13	22.63	22.70	22.69	0-1	1.0
	25	0	22.64	22.69	22.60		1.0
DFT-s-OFDM 16QAM	1	1	22.97	22.99	22.85	0-1	1.0
CP-OFDM QPSK	1	1	22.00	22.03	22.02	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 61 of 123



**Table I-100**  
**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	20.75	0	0.0
	1	80	20.79		0.0
	1	158	20.78		0.0
	80	0	20.89	0-0.5	0.0
	80	40	20.88	0	0.0
	80	80	20.90	0-0.5	0.0
	160	0	20.86		0.0
DFT-s-OFDM QPSK	1	1	20.76	0	0.0
	1	80	20.76		0.0
	1	158	20.82		0.0
	80	0	20.87	0-1	0.0
	80	40	20.87	0	0.0
	80	80	20.85	0-1	0.0
	160	0	20.86		0.0
DFT-s-OFDM 16QAM	1	1	20.90	0-1	0.0
CP-OFDM QPSK	1	1	20.87	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of Samsung</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 62 of 123

**Table I-101**  
**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	20.79	0	0.0
	1	67	20.83		0.0
	1	131	20.78		0.0
	64	0	21.04	0-0.5	0.0
	64	35	21.01	0	0.0
	64	69	20.99	0-0.5	0.0
	128	0	21.01		0.0
DFT-s-OFDM QPSK	1	1	20.81	0	0.0
	1	67	20.77		0.0
	1	131	20.79		0.0
	64	0	20.99	0-1	0.0
	64	35	21.00	0	0.0
	64	69	20.90	0-1	0.0
	128	0	20.97		0.0
DFT-s-OFDM 16QAM	1	1	21.18	0-1	0.0
CP-OFDM QPSK	1	1	20.89	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of Samsung</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 63 of 123

**Table I-102**  
**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							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.93	20.95	20.79	0	0.0
	1	53	20.80	20.82	20.79		0.0
	1	104	20.90	20.78	20.82		0.0
	50	0	21.00	21.03	21.01	0-0.5	0.0
	50	28	21.03	21.00	21.00	0	0.0
	50	56	20.95	20.95	20.99	0-0.5	0.0
	100	0	20.91	21.01	20.97		0.0
DFT-s-OFDM QPSK	1	1	20.92	20.87	20.89	0	0.0
	1	53	20.83	20.77	20.87		0.0
	1	104	20.83	20.73	20.86		0.0
	50	0	20.98	21.01	21.02	0-1	0.0
	50	28	20.95	21.00	21.01	0	0.0
	50	56	21.00	21.01	20.96	0-1	0.0
	100	0	20.98	21.01	20.99		0.0
DFT-s-OFDM 16QAM	1	1	21.31	21.24	21.15	0-1	0.0
CP-OFDM QPSK	1	1	20.87	20.97	20.85	0-1.5	0.0

**Table I-103**  
**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							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.99	20.97	20.85	0	0.0
	1	40	20.89	20.88	20.84		0.0
	1	77	21.00	20.89	20.87		0.0
	36	0	21.10	21.03	20.98	0-0.5	0.0
	36	22	21.07	21.02	20.97	0	0.0
	36	43	21.09	21.00	20.95	0-0.5	0.0
	75	0	21.09	21.04	20.97		0.0
DFT-s-OFDM QPSK	1	1	21.01	20.98	20.78	0	0.0
	1	40	20.91	20.88	20.77		0.0
	1	77	20.95	20.92	20.72		0.0
	36	0	21.05	21.04	20.94	0-1	0.0
	36	22	21.05	21.00	20.96	0	0.0
	36	43	21.09	21.02	20.92	0-1	0.0
	75	0	21.05	21.01	20.99		0.0
DFT-s-OFDM 16QAM	1	1	21.33	21.29	21.14	0-1	0.0
CP-OFDM QPSK	1	1	20.95	20.94	20.85	0-1.5	0.0

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 64 of 123






**Table I-104**  
**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							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.77	20.72	20.66	0	0.0
	1	26	20.81	20.83	20.75		0.0
	1	50	20.76	20.78	20.79		0.0
	25	0	20.94	20.91	20.86	0-0.5	0.0
	25	14	20.91	20.88	20.84	0	0.0
	25	27	20.85	20.83	20.83	0-0.5	0.0
	50	0	20.90	20.93	20.84		0.0
DFT-s-OFDM QPSK	1	1	20.80	20.70	20.71	0	0.0
	1	26	20.81	20.76	20.76		0.0
	1	50	20.78	20.74	20.82		0.0
	25	0	20.89	20.94	20.84	0-1	0.0
	25	14	20.88	20.91	20.85	0	0.0
	25	27	20.87	20.86	20.85	0-1	0.0
	50	0	20.91	20.93	20.85		0.0
DFT-s-OFDM 16QAM	1	1	21.14	21.09	21.12	0-1	0.0
CP-OFDM QPSK	1	1	20.77	20.63	20.55	0-1.5	0.0



**Table I-105**  
**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							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.80	20.87	20.74	0	0.0
	1	13	20.73	20.77	20.84		0.0
	1	23	20.74	20.80	20.78		0.0
	12	0	20.89	20.92	20.78	0-0.5	0.0
	12	7	20.85	20.94	20.76	0	0.0
	12	13	20.87	20.90	20.87	0-0.5	0.0
	25	0	20.87	20.92	20.82		0.0
DFT-s-OFDM QPSK	1	1	20.91	20.94	20.64	0	0.0
	1	13	20.78	20.89	20.83		0.0
	1	23	20.77	20.97	20.79		0.0
	12	0	20.85	20.93	20.76	0-1	0.0
	12	7	20.82	20.85	20.79	0	0.0
	12	13	20.83	20.85	20.86	0-1	0.0
	25	0	20.86	20.89	20.78		0.0
DFT-s-OFDM 16QAM	1	1	21.13	21.11	21.04	0-1	0.0
CP-OFDM QPSK	1	1	20.77	20.82	20.69	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 65 of 123



**Table I-106**  
**NR Band n25 Antenna A Measured P<sub>Limit</sub> 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	18.36	0	0.0
	1	80	18.40		0.0
	1	158	18.42		0.0
	80	0	18.47	0-0.5	0.0
	80	40	18.44	0	0.0
	80	80	18.49	0-0.5	0.0
	160	0	18.48		0.0
DFT-s-OFDM QPSK	1	1	18.34	0	0.0
	1	80	18.32		0.0
	1	158	18.38		0.0
	80	0	18.50	0-1	0.0
	80	40	18.46	0	0.0
	80	80	18.47	0-1	0.0
	160	0	18.45		0.0
DFT-s-OFDM 16QAM	1	1	18.50	0-1	0.0
CP-OFDM QPSK	1	1	18.31	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 66 of 123

**Table I-107**  
**NR Band n25 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 25 MHz Bandwidth**  
**NR Band n25**  
**25 MHz Bandwidth**

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.82	0	0.0
	1	67	17.81		0.0
	1	131	17.82		0.0
	64	0	17.97	0-0.5	0.0
	64	35	17.98	0	0.0
	64	69	17.93	0-0.5	0.0
	128	0	17.97		0.0
DFT-s-OFDM QPSK	1	1	17.85	0	0.0
	1	67	17.79		0.0
	1	131	17.75		0.0
	64	0	17.98	0-1	0.0
	64	35	17.98	0	0.0
	64	69	17.87	0-1	0.0
	128	0	17.97		0.0
DFT-s-OFDM 16QAM	1	1	18.10	0-1	0.0
CP-OFDM QPSK	1	1	17.86	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 67 of 123

**Table I-108**  
**NR Band n25 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 20 MHz Bandwidth**

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.95	17.94	17.85	0	0.0
	1	53	17.89	17.85	17.80		0.0
	1	104	17.96	17.76	17.85		0.0
	50	0	18.04	18.06	17.99	0-0.5	0.0
	50	28	18.01	18.00	17.95	0	0.0
	50	56	18.02	18.00	17.97	0-0.5	0.0
	100	0	18.01	18.01	17.96		0.0
DFT-s-OFDM QPSK	1	1	17.94	17.90	17.82	0	0.0
	1	53	17.88	17.81	17.85		0.0
	1	104	17.85	17.75	17.76		0.0
	50	0	18.01	18.01	18.01	0-1	0.0
	50	28	18.00	17.97	17.99	0	0.0
	50	56	18.02	17.99	17.98	0-1	0.0
	100	0	18.01	17.99	17.96		0.0
DFT-s-OFDM 16QAM	1	1	17.94	18.25	18.07	0-1	0.0
CP-OFDM QPSK	1	1	17.89	17.97	17.96	0-1.5	0.0

**Table I-109**  
**NR Band n25 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 15 MHz Bandwidth**

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.99	17.95	17.85	0	0.0
	1	40	17.90	17.87	17.84		0.0
	1	77	17.97	17.90	17.84		0.0
	36	0	18.02	18.00	17.97	0-0.5	0.0
	36	22	18.03	17.99	17.92	0	0.0
	36	43	18.06	18.00	17.92	0-0.5	0.0
	75	0	18.02	18.02	17.97		0.0
DFT-s-OFDM QPSK	1	1	18.03	17.94	17.80	0	0.0
	1	40	17.91	17.97	17.82		0.0
	1	77	17.95	17.84	17.84		0.0
	36	0	18.01	18.01	17.93	0-1	0.0
	36	22	18.03	17.97	17.94	0	0.0
	36	43	18.06	17.98	17.87	0-1	0.0
	75	0	18.04	17.97	17.92		0.0
DFT-s-OFDM 16QAM	1	1	18.29	18.24	17.73	0-1	0.0
CP-OFDM QPSK	1	1	17.97	17.70	17.73	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 68 of 123

**Table I-110**  
**NR Band n25 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 10 MHz Bandwidth**

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.77	17.70	17.65	0	0.0
	1	26	17.82	17.85	17.70		0.0
	1	50	17.85	17.77	17.77		0.0
	25	0	17.88	17.91	17.78	0-0.5	0.0
	25	14	17.84	17.85	17.78	0	0.0
	25	27	17.81	17.82	17.79	0-0.5	0.0
	50	0	17.86	17.89	17.75		0.0
DFT-s-OFDM QPSK	1	1	17.79	17.67	17.65	0	0.0
	1	26	17.74	17.76	17.70		0.0
	1	50	17.76	17.75	17.79		0.0
	25	0	17.87	17.85	17.77	0-1	0.0
	25	14	17.80	17.83	17.76	0	0.0
	25	27	17.82	17.85	17.72	0-1	0.0
	50	0	17.83	17.83	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.83	18.02	18.02	0-1	0.0
CP-OFDM QPSK	1	1	17.69	17.62	17.75	0-1.5	0.0

**Table I-111**  
**NR Band n25 Antenna A Measured P<sub>Limit</sub> for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth**

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.72	17.79	17.61	0	0.0
	1	13	17.71	17.79	17.79		0.0
	1	23	17.72	17.80	17.72		0.0
	12	0	17.78	17.86	17.71	0-0.5	0.0
	12	7	17.79	17.81	17.74	0	0.0
	12	13	17.82	17.82	17.87	0-0.5	0.0
	25	0	17.78	17.83	17.73		0.0
DFT-s-OFDM QPSK	1	1	17.78	17.82	17.59	0	0.0
	1	13	17.77	17.79	17.72		0.0
	1	23	17.78	17.77	17.71		0.0
	12	0	17.76	17.88	17.72	0-1	0.0
	12	7	17.79	17.86	17.75	0	0.0
	12	13	17.75	17.81	17.84	0-1	0.0
	25	0	17.76	17.82	17.74		0.0
DFT-s-OFDM 16QAM	1	1	18.09	18.15	17.96	0-1	0.0
CP-OFDM QPSK	1	1	17.72	17.77	17.59	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 69 of 123

## I.2.7 NR Band n25 Antenna J

Table I-112

NR Band n25 Antenna J 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 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	18.90	0	0.0
	1	80	18.82		0.0
	1	158	19.02		0.0
	80	0	18.93	0-0.5	0.0
	80	40	18.97	0	0.0
	80	80	19.03	0-0.5	0.0
	160	0	19.02		0.0
DFT-s-OFDM QPSK	1	1	18.90	0	0.0
	1	80	18.83		0.0
	1	158	18.97		0.0
	80	0	18.91	0-1	0.0
	80	40	19.00	0	0.0
	80	80	18.93	0-1	0.0
	160	0	19.00		0.0
DFT-s-OFDM 16QAM	1	1	19.15	0-1	0.0
CP-OFDM QPSK	1	1	18.82	0-1.5	0.0




FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 70 of 123

Table I-113

NR Band n25 Antenna J 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 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	18.47	0	0.0
	1	67	18.50		0.0
	1	131	18.61		0.0
	64	0	18.53	0-0.5	0.0
	64	35	18.56	0	0.0
	64	69	18.50	0-0.5	0.0
	128	0	18.59		0.0
DFT-s-OFDM QPSK	1	1	18.40	0	0.0
	1	67	18.41		0.0
	1	131	18.45		0.0
	64	0	18.55	0-1	0.0
	64	35	18.51	0	0.0
	64	69	18.50	0-1	0.0
	128	0	18.57		0.0
DFT-s-OFDM 16QAM	1	1	18.69	0-1	0.0
CP-OFDM QPSK	1	1	18.44	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 71 of 123

Table I-114

NR Band n25 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.34	18.38	18.43	0	0.0
	1	53	18.33	18.34	18.64		0.0
	1	104	18.41	18.40	18.54		0.0
	50	0	18.45	18.42	18.71	0-0.5	0.0
	50	28	18.46	18.50	18.71	0	0.0
	50	56	18.44	18.41	18.77	0-0.5	0.0
	100	0	18.47	18.48	18.72		0.0
DFT-s-OFDM QPSK	1	1	18.31	18.31	18.37	0	0.0
	1	53	18.28	18.29	18.56		0.0
	1	104	18.41	18.35	18.59		0.0
	50	0	18.40	18.42	18.67	0-1	0.0
	50	28	18.46	18.48	18.65	0	0.0
	50	56	18.39	18.42	18.75	0-1	0.0
	100	0	18.40	18.44	18.68		0.0
DFT-s-OFDM 16QAM	1	1	18.68	18.71	18.80	0-1	0.0
CP-OFDM QPSK	1	1	18.30	18.37	18.39	0-1.5	0.0

Table I-115

NR Band n25 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.56	18.40	18.45	0	0.0
	1	40	18.54	18.35	18.51		0.0
	1	77	18.52	18.39	18.49		0.0
	36	0	18.62	18.47	18.60	0-0.5	0.0
	36	22	18.60	18.42	18.73	0	0.0
	36	43	18.57	18.41	18.72	0-0.5	0.0
	75	0	18.60	18.46	18.59		0.0
DFT-s-OFDM QPSK	1	1	18.52	18.45	18.52	0	0.0
	1	40	18.48	18.30	18.61		0.0
	1	77	18.48	18.32	18.52		0.0
	36	0	18.61	18.41	18.61	0-1	0.0
	36	22	18.58	18.43	18.73	0	0.0
	36	43	18.53	18.44	18.71	0-1	0.0
	75	0	18.59	18.42	18.64		0.0
DFT-s-OFDM 16QAM	1	1	18.97	18.72	18.36	0-1	0.0
CP-OFDM QPSK	1	1	18.49	18.29	18.51	0-1.5	0.0




FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 72 of 123



Table I-116




NR Band n25 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.34	18.24	18.59	0	0.0
	1	26	18.37	18.27	18.56		0.0
	1	50	18.26	18.21	18.62		0.0
	25	0	18.43	18.31	18.58	0-0.5	0.0
	25	14	18.41	18.36	18.62	0	0.0
	25	27	18.37	18.30	18.61	0-0.5	0.0
	50	0	18.38	18.31	18.62		0.0
DFT-s-OFDM QPSK	1	1	18.29	18.22	18.49	0	0.0
	1	26	18.30	18.25	18.47		0.0
	1	50	18.22	18.15	18.52		0.0
	25	0	18.40	18.33	18.56	0-1	0.0
	25	14	18.35	18.32	18.57	0	0.0
	25	27	18.35	18.29	18.61	0-1	0.0
	50	0	18.40	18.31	18.54		0.0
DFT-s-OFDM 16QAM	1	1	18.66	18.64	18.93	0-1	0.0
CP-OFDM QPSK	1	1	18.19	18.17	18.49	0-1.5	0.0

Table I-117



NR Band n25 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.34	18.22	18.50	0	0.0
	1	13	18.31	18.24	18.47		0.0
	1	23	18.37	18.29	18.54		0.0
	12	0	18.32	18.31	18.69	0-0.5	0.0
	12	7	18.36	18.30	18.61	0	0.0
	12	13	18.39	18.33	18.59	0-0.5	0.0
	25	0	18.33	18.33	18.60		0.0
DFT-s-OFDM QPSK	1	1	18.31	18.18	18.51	0	0.0
	1	13	18.29	18.22	18.49		0.0
	1	23	18.32	18.27	18.52		0.0
	12	0	18.34	18.29	18.62	0-1	0.0
	12	7	18.34	18.28	18.56	0	0.0
	12	13	18.40	18.34	18.58	0-1	0.0
	25	0	18.36	18.34	18.59		0.0
DFT-s-OFDM 16QAM	1	1	18.57	18.67	18.91	0-1	0.0
CP-OFDM QPSK	1	1	18.27	18.17	18.56	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 73 of 123



**Table I-118  
NR Band n25 Antenna J Measured P<sub>Limit</sub> 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	18.00	0	0.0
	1	80	17.94		0.0
	1	158	18.12		0.0
	80	0	17.97	0-0.5	0.0
	80	40	18.07	0	0.0
	80	80	18.02	0-0.5	0.0
	160	0	18.09		0.0
DFT-s-OFDM QPSK	1	1	17.93	0	0.0
	1	80	17.88		0.0
	1	158	17.96		0.0
	80	0	17.95	0-1	0.0
	80	40	18.10	0	0.0
	80	80	18.02	0-1	0.0
	160	0	18.09		0.0
DFT-s-OFDM 16QAM	1	1	18.21	0-1	0.0
CP-OFDM QPSK	1	1	17.89	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 74 of 123

**Table I-119**  
**NR Band n25 Antenna J Measured P<sub>Limit</sub> 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	17.50	0	0.0
	1	67	17.42		0.0
	1	131	17.57		0.0
	64	0	17.60	0-0.5	0.0
	64	35	17.56	0	0.0
	64	69	17.54	0-0.5	0.0
	128	0	17.63		0.0
DFT-s-OFDM QPSK	1	1	17.45	0	0.0
	1	67	17.44		0.0
	1	131	17.60		0.0
	64	0	17.56	0-1	0.0
	64	35	17.54	0	0.0
	64	69	17.51	0-1	0.0
	128	0	17.60		0.0
DFT-s-OFDM 16QAM	1	1	17.72	0-1	0.0
CP-OFDM QPSK	1	1	17.44	0-1.5	0.0




FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 75 of 123

**Table I-120**  
**NR Band n25 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 20 MHz Bandwidth**

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.50	17.30	17.43	0	0.0
	1	53	17.51	17.32	17.63		0.0
	1	104	17.42	17.40	17.58		0.0
	50	0	17.63	17.44	17.63	0-0.5	0.0
	50	28	17.58	17.46	17.67	0	0.0
	50	56	17.54	17.40	17.82	0-0.5	0.0
100	0	17.61	17.43	17.71	0.0		
DFT-s-OFDM QPSK	1	1	17.53	17.32	17.46	0	0.0
	1	53	17.52	17.28	17.59		0.0
	1	104	17.42	17.36	17.59		0.0
	50	0	17.62	17.45	17.65	0-1	0.0
	50	28	17.61	17.43	17.69	0	0.0
	50	56	17.57	17.39	17.76	0-1	0.0
100	0	17.59	17.43	17.66	0.0		
DFT-s-OFDM 16QAM	1	1	17.37	17.77	17.77	0-1	0.0
CP-OFDM QPSK	1	1	17.45	17.35	17.42	0-1.5	0.0

**Table I-121**  
**NR Band n25 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 15 MHz Bandwidth**

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.51	17.47	17.58	0	0.0
	1	40	17.56	17.42	17.67		0.0
	1	77	17.50	17.40	17.65		0.0
	36	0	17.63	17.49	17.67	0-0.5	0.0
	36	22	17.64	17.42	17.72	0	0.0
	36	43	17.66	17.47	17.77	0-0.5	0.0
75	0	17.63	17.48	17.68	0.0		
DFT-s-OFDM QPSK	1	1	17.56	17.43	17.56	0	0.0
	1	40	17.43	17.45	17.62		0.0
	1	77	17.47	17.39	17.66		0.0
	36	0	17.64	17.42	17.65	0-1	0.0
	36	22	17.59	17.45	17.72	0	0.0
	36	43	17.61	17.44	17.79	0-1	0.0
75	0	17.65	17.46	17.65	0.0		
DFT-s-OFDM 16QAM	1	1	17.91	17.74	17.64	0-1	0.0
CP-OFDM QPSK	1	1	17.53	17.43	17.56	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 76 of 123

**Table I-122**  
**NR Band n25 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 10 MHz Bandwidth**

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.39	17.32	17.58	0	0.0
	1	26	17.42	17.41	17.59		0.0
	1	50	17.40	17.35	17.63		0.0
	25	0	17.45	17.41	17.64	0-0.5	0.0
	25	14	17.47	17.39	17.62	0	0.0
	25	27	17.44	17.35	17.64	0-0.5	0.0
	50	0	17.42	17.42	17.67		0.0
DFT-s-OFDM QPSK	1	1	17.44	17.30	17.59	0	0.0
	1	26	17.49	17.25	17.57		0.0
	1	50	17.40	17.17	17.59		0.0
	25	0	17.46	17.39	17.61	0-1	0.0
	25	14	17.49	17.36	17.63	0	0.0
	25	27	17.47	17.39	17.63	0-1	0.0
	50	0	17.45	17.33	17.62		0.0
DFT-s-OFDM 16QAM	1	1	17.45	17.67	17.94	0-1	0.0
CP-OFDM QPSK	1	1	17.28	17.20	17.54	0-1.5	0.0

**Table I-123**  
**NR Band n25 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 5 MHz Bandwidth**



NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.43	17.32	17.59	0	0.0
	1	13	17.34	17.29	17.62		0.0
	1	23	17.41	17.32	17.60		0.0
	12	0	17.43	17.33	17.71	0-0.5	0.0
	12	7	17.35	17.31	17.61	0	0.0
	12	13	17.37	17.33	17.57	0-0.5	0.0
	25	0	17.39	17.31	17.65		0.0
DFT-s-OFDM QPSK	1	1	17.37	17.33	17.54	0	0.0
	1	13	17.37	17.30	17.59		0.0
	1	23	17.39	17.31	17.65		0.0
	12	0	17.42	17.32	17.62	0-1	0.0
	12	7	17.39	17.32	17.59	0	0.0
	12	13	17.38	17.33	17.62	0-1	0.0
	25	0	17.37	17.29	17.60		0.0
DFT-s-OFDM 16QAM	1	1	17.47	17.60	17.86	0-1	0.0
CP-OFDM QPSK	1	1	17.28	17.18	17.52	0-1.5	0.0

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 77 of 123

## I.2.8 NR Band n30 Antenna A



**Table I-124**  
**NR Band n30 Antenna A Measured  $P_{Max}$  – 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	22.30	0	0.0
	1	13	22.41		0.0
	1	23	22.35		0.0
	12	0	21.96	0-0.5	0.5
	12	7	22.47	0	0.0
	12	13	21.99	0-0.5	0.5
	25	0	21.98		0.5
DFT-s-OFDM QPSK	1	1	22.30	0	0.0
	1	13	22.39		0.0
	1	23	22.38		0.0
	12	0	21.50	0-1	1.0
	12	7	22.52	0	0.0
	12	13	21.47	0-1	1.0
	25	0	21.48		1.0
DFT-s-OFDM 16QAM	1	1	21.69	0-1	1.0
CP-OFDM QPSK	1	1	20.85	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 78 of 123



**Table I-125**  
**NR Band n30 Antenna A Measured  $P_{Limit}$  for DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack active) – 5 MHz Bandwidth**

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.36	0	0.0
	1	13	21.42		0.0
	1	23	21.34		0.0
	12	0	21.44	0-0.5	0.0
	12	7	21.48	0	0.0
	12	13	21.45	0-0.5	0.0
	25	0	21.47		0.0
DFT-s-OFDM QPSK	1	1	21.34	0	0.0
	1	13	21.39		0.0
	1	23	21.38		0.0
	12	0	21.47	0-1	0.0
	12	7	21.50	0	0.0
	12	13	21.47	0-1	0.0
	25	0	21.44		0.0
DFT-s-OFDM 16QAM	1	1	21.65	0-1	0.0
CP-OFDM QPSK	1	1	20.80	0-1.5	0.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of Samsung</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 79 of 123

**Table I-126**  
**NR Band n30 Antenna A Measured  $P_{Limit}$  for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth**  
**NR Band n30**  
**5 MHz Bandwidth**

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			462000 (2310 MHz)			
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.26	0	0.0	
	1	13	18.41		0.0	
	1	23	18.31		0.0	
	12	0	18.43	0-0.5	0.0	
	12	7	18.45	0	0.0	
	12	13	18.41		0.0	
	25	0	18.46		0-0.5	0.0
DFT-s-OFDM QPSK	1	1	18.34	0	0.0	
	1	13	18.43		0.0	
	1	23	18.35		0.0	
	12	0	18.45	0-1	0.0	
	12	7	18.47	0	0.0	
	12	13	18.41		0-1	0.0
	25	0	18.46		0-1	0.0
DFT-s-OFDM 16QAM	1	1	18.71	0-1	0.0	
CP-OFDM QPSK	1	1	18.29	0-1.5	0.0	



FCC ID A3LSMS908U	 <b>PCTEST</b> <small>Proud to be part of element</small>	<b>SAR EVALUATION REPORT</b>		<b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 09/21/21 – 12/06/21	<b>DUT Type:</b> Portable Handset			APPENDIX I: Page 80 of 123



## I.2.9 NR Band n30 Antenna J

**Table I-127**  
**NR Band n30 Antenna J Measured  $P_{Limit}$  for all DSI – 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	17.39	0	0.0
	1	13	17.51		0.0
	1	23	17.42		0.0
	12	0	17.57	0-0.5	0.0
	12	7	17.58	0	0.0
	12	13	17.57	0-0.5	0.0
	25	0	17.59		0.0
DFT-s-OFDM QPSK	1	1	17.48	0	0.0
	1	13	17.54		0.0
	1	23	17.49		0.0
	12	0	17.59	0-1	0.0
	12	7	17.59	0	0.0
	12	13	17.57	0-1	0.0
	25	0	17.56		0.0
DFT-s-OFDM 16QAM	1	1	17.98	0-1	0.0
CP-OFDM QPSK	1	1	17.43	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of Samsung</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 81 of 123

## I.2.10 NR Band n7 Antenna B



**Table I-128**  
**NR Band n7 Antenna B Measured  $P_{Max}$  – 30 MHz Bandwidth**

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.93	0	0.0
	1	80	23.59		0.0
	1	158	23.75		0.0
	80	0	23.28	0-0.5	0.5
	80	40	23.73	0	0.0
	80	80	23.15	0-0.5	0.5
	160	0	23.28		0.5
DFT-s-OFDM QPSK	1	1	23.85	0	0.0
	1	80	23.61		0.0
	1	158	23.68		0.0
	80	0	22.76	0-1	1.0
	80	40	23.68	0	0.0
	80	80	22.64	0-1	1.0
	160	0	22.76		1.0
DFT-s-OFDM 16QAM	1	1	23.00	0-1	1.0
CP-OFDM QPSK	1	1	22.26	0-1.5	1.5

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of Samsung</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 82 of 123

**Table I-129  
NR Band n7 Antenna B Measured  $P_{Max}$  – 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	23.00	0	0.0
	1	67	22.91		0.0
	1	131	22.98		0.0
	64	0	22.59	0-0.5	0.5
	64	35	23.10	0	0.0
	64	69	22.54	0-0.5	0.5
	128	0	22.61		0.5
DFT-s-OFDM QPSK	1	1	23.08	0	0.0
	1	67	23.02		0.0
	1	131	23.06		0.0
	64	0	22.07	0-1	1.0
	64	35	23.10	0	0.0
	64	69	22.06	0-1	1.0
	128	0	22.12		1.0
DFT-s-OFDM 16QAM	1	1	21.92	0-1	1.0
CP-OFDM QPSK	1	1	21.54	0-1.5	1.5



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 83 of 123

**Table I-130**  
**NR Band n7 Antenna B Measured P<sub>Max</sub> – 20 MHz Bandwidth**

NR Band n7 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.40	22.96	22.96	0	0.0
	1	53	23.25	23.00	23.14		0.0
	1	104	23.15	22.94	23.17		0.0
	50	0	22.99	22.65	22.70	0-0.5	0.5
	50	28	23.44	23.08	23.25	0	0.0
	50	56	22.82	22.55	22.79	0-0.5	0.5
	100	0	22.96	22.61	22.79		0.5
DFT-s-OFDM QPSK	1	1	23.33	22.87	22.94	0	0.0
	1	53	23.32	22.89	23.08		0.0
	1	104	23.17	22.86	23.12		0.0
	50	0	22.49	22.08	22.16	0-1	1.0
	50	28	23.29	23.07	23.26	0	0.0
	50	56	22.18	22.05	22.27	0-1	1.0
	100	0	22.47	22.05	22.32		1.0
DFT-s-OFDM 16QAM	1	1	22.78	22.28	22.35	0-1	1.0
CP-OFDM QPSK	1	1	21.99	21.42	21.49	0-1.5	1.5

**Table I-131**  
**NR Band n7 Antenna B Measured P<sub>Max</sub> – 15 MHz Bandwidth**

NR Band n7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.37	22.98	23.01	0	0.0
	1	40	23.28	23.13	23.10		0.0
	1	77	23.16	23.10	23.18		0.0
	36	0	22.97	22.66	22.70	0-0.5	0.5
	36	22	23.47	23.28	23.23	0	0.0
	36	43	22.99	22.77	22.83	0-0.5	0.5
	75	0	22.97	22.78	22.84		0.5
DFT-s-OFDM QPSK	1	1	23.36	22.98	22.96	0	0.0
	1	40	23.36	23.13	23.08		0.0
	1	77	23.19	23.16	23.15		0.0
	36	0	22.48	22.18	22.13	0-1	1.0
	36	22	23.45	23.02	23.26	0	0.0
	36	43	22.16	22.08	22.28	0-1	1.0
	75	0	22.49	22.12	22.33		1.0
DFT-s-OFDM 16QAM	1	1	22.36	22.32	22.30	0-1	1.0
CP-OFDM QPSK	1	1	21.95	21.49	21.49	0-1.5	1.5

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 84 of 123

**Table I-132**  
**NR Band n7 Antenna B Measured P<sub>Max</sub> – 10 MHz Bandwidth**

NR Band n7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.34	22.90	22.93	0	0.0
	1	26	23.38	22.91	23.04		0.0
	1	50	23.20	22.91	23.11		0.0
	25	0	23.00	22.55	22.65	0-0.5	0.5
	25	14	23.38	23.03	23.16	0	0.0
	25	27	22.91	22.49	22.60	0-0.5	0.5
	50	0	22.91	22.50	22.67		0.5
DFT-s-OFDM QPSK	1	1	23.33	22.89	22.97	0	0.0
	1	26	23.40	22.93	23.08		0.0
	1	50	23.25	22.89	23.20		0.0
	25	0	22.50	22.03	22.15	0-1	1.0
	25	14	23.39	22.99	23.12	0	0.0
	25	27	22.38	21.99	22.16	0-1	1.0
	50	0	22.36	21.97	22.17		1.0
DFT-s-OFDM 16QAM	1	1	22.78	22.29	22.42	0-1	1.0
CP-OFDM QPSK	1	1	21.86	21.35	21.50	0-1.5	1.5

**Table I-133**  
**NR Band n7 Antenna B Measured P<sub>Max</sub> – 5 MHz Bandwidth**

NR Band n7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.39	22.79	23.06	0	0.0
	1	13	23.48	22.89	23.15		0.0
	1	23	23.43	22.88	23.23		0.0
	12	0	22.98	22.47	22.63	0-0.5	0.5
	12	7	23.52	23.00	23.19	0	0.0
	12	13	23.08	22.59	22.74	0-0.5	0.5
	25	0	23.03	22.50	22.69		0.5
DFT-s-OFDM QPSK	1	1	23.43	22.85	23.05	0	0.0
	1	13	23.52	22.98	23.14		0.0
	1	23	23.51	22.97	23.21		0.0
	12	0	22.53	21.94	22.14	0-1	1.0
	12	7	23.57	22.99	23.17	0	0.0
	12	13	22.62	22.05	22.18	0-1	1.0
	25	0	22.59	21.95	22.16		1.0
DFT-s-OFDM 16QAM	1	1	22.80	22.28	22.42	0-1	1.0
CP-OFDM QPSK	1	1	21.89	21.33	21.50	0-1.5	1.5



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 85 of 123

Table I-134

NR Band n7 Antenna B Measured  $P_{Limit}$  for DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot mode), 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	20.79	0	0.0
	1	80	20.63		0.0
	1	158	20.65		0.0
	80	0	20.74	0-0.5	0.0
	80	40	20.70	0	0.0
	80	80	20.62	0-0.5	0.0
	160	0	20.69		0.0
DFT-s-OFDM QPSK	1	1	20.70	0	0.0
	1	80	20.51		0.0
	1	158	20.60		0.0
	80	0	20.66	0-1	0.0
	80	40	20.70	0	0.0
	80	80	20.60	0-1	0.0
	160	0	20.66		0.0
DFT-s-OFDM 16QAM	1	1	21.00	0-1	0.0
CP-OFDM QPSK	1	1	20.77	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 86 of 123

Table I-135

NR Band n7 Antenna B Measured  $P_{Limit}$  for DSI = 1 (Phablet with grip sensor active), or DSI = 3 (Hotspot mode), 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	20.09	0	0.0
	1	67	19.91		0.0
	1	131	19.94		0.0
	64	0	20.08	0-0.5	0.0
	64	35	20.05	0	0.0
	64	69	20.04	0-0.5	0.0
	128	0	20.03		0.0
DFT-s-OFDM QPSK	1	1	19.92	0	0.0
	1	67	19.88		0.0
	1	131	19.90		0.0
	64	0	20.07	0-1	0.0
	64	35	20.05	0	0.0
	64	69	20.00	0-1	0.0
	128	0	20.05		0.0
DFT-s-OFDM 16QAM	1	1	20.40	0-1	0.0
CP-OFDM QPSK	1	1	20.04	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 87 of 123

Table I-136

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

NR Band n7 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.32	19.88	19.91	0	0.0
	1	53	20.13	19.92	20.03		0.0
	1	104	20.04	19.81	20.09		0.0
	50	0	20.41	20.05	20.07	0-0.5	0.0
	50	28	20.35	20.02	20.19	0	0.0
	50	56	20.23	20.03	20.21	0-0.5	0.0
	100	0	20.33	20.04	20.19		0.0
DFT-s-OFDM QPSK	1	1	20.29	19.91	19.84	0	0.0
	1	53	20.21	19.85	20.04		0.0
	1	104	20.04	19.82	20.08		0.0
	50	0	20.39	20.04	20.07	0-1	0.0
	50	28	20.38	20.02	20.17	0	0.0
	50	56	20.22	19.99	20.19	0-1	0.0
	100	0	20.38	20.07	20.16		0.0
DFT-s-OFDM 16QAM	1	1	20.65	20.26	20.30	0-1	0.0
CP-OFDM QPSK	1	1	20.38	19.93	19.93	0-1.5	0.0

Table I-137

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

NR Band n7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.27	19.87	19.96	0	0.0
	1	40	20.18	19.85	20.08		0.0
	1	77	20.04	19.79	20.06		0.0
	36	0	20.33	20.01	20.12	0-0.5	0.0
	36	22	20.38	20.02	20.19	0	0.0
	36	43	20.31	19.98	20.21	0-0.5	0.0
	75	0	20.39	20.05	20.24		0.0
DFT-s-OFDM QPSK	1	1	20.34	19.92	19.94	0	0.0
	1	40	20.20	19.89	20.15		0.0
	1	77	20.11	19.89	20.19		0.0
	36	0	20.37	20.01	20.07	0-1	0.0
	36	22	20.37	19.99	20.20	0	0.0
	36	43	20.36	20.00	20.17	0-1	0.0
	75	0	20.39	20.05	20.25		0.0
DFT-s-OFDM 16QAM	1	1	20.72	20.23	20.18	0-1	0.0
CP-OFDM QPSK	1	1	20.42	19.91	19.91	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 88 of 123



Table I-138



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

NR Band n7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.25	19.83	19.96	0	0.0
	1	26	20.24	19.78	19.99		0.0
	1	50	20.09	19.83	20.08		0.0
	25	0	20.38	19.92	20.10	0-0.5	0.0
	25	14	20.27	19.94	20.04	0	0.0
	25	27	20.26	19.92	20.09	0-0.5	0.0
	50	0	20.29	19.93	20.08		0.0
DFT-s-OFDM QPSK	1	1	20.25	19.86	19.90	0	0.0
	1	26	20.29	19.89	20.00		0.0
	1	50	20.16	19.86	20.12		0.0
	25	0	20.35	19.93	20.04	0-1	0.0
	25	14	20.26	19.90	20.03	0	0.0
	25	27	20.25	19.89	20.06	0-1	0.0
	50	0	20.28	19.94	20.09		0.0
DFT-s-OFDM 16QAM	1	1	20.63	20.20	20.31	0-1	0.0
CP-OFDM QPSK	1	1	20.33	19.79	19.91	0-1.5	0.0

Table I-139

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

NR Band n7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.27	19.82	19.90	0	0.0
	1	13	20.36	19.86	20.01		0.0
	1	23	20.34	19.78	20.10		0.0
	12	0	20.30	19.87	20.04	0-0.5	0.0
	12	7	20.45	19.94	20.05	0	0.0
	12	13	20.48	19.95	20.15	0-0.5	0.0
	25	0	20.42	19.93	20.09		0.0
DFT-s-OFDM QPSK	1	1	20.28	19.78	19.95	0	0.0
	1	13	20.39	19.87	20.01		0.0
	1	23	20.40	19.81	20.11		0.0
	12	0	20.36	19.85	19.96	0-1	0.0
	12	7	20.46	19.93	20.04	0	0.0
	12	13	20.47	19.90	20.03	0-1	0.0
	25	0	20.42	19.86	20.01		0.0
DFT-s-OFDM 16QAM	1	1	20.67	20.22	20.36	0-1	0.0
CP-OFDM QPSK	1	1	20.33	19.82	19.96	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 89 of 123

## I.2.11 NR Band n41 Antenna J

Table I-140

NR Band n41 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.18	18.95	0	0.0
	1	123	19.26	18.85		0.0
	1	243	19.36	18.98		0.0
	120	0	19.17	19.01	0-0.5	0.0
	120	63	19.24	18.93	0	0.0
	120	125	19.33	18.92	0-0.5	0.0
	243	0	19.25	18.99		0.0
DFT-s-OFDM QPSK	1	1	19.10	19.27	0	0.0
	1	123	19.22	19.13		0.0
	1	243	19.34	19.25		0.0
	120	0	19.16	19.09	0-1	0.0
	120	63	19.26	19.00	0	0.0
	120	125	19.33	19.01	0-1	0.0
	243	0	19.29	19.02		0.0
DFT-s-OFDM 16QAM	1	1	19.34	19.55	0-1	0.0
CP-OFDM QPSK	1	1	19.13	19.10	0-1.5	0.0




FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 90 of 123		

Table I-141

NR Band n41 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.14	19.00	0	0.0
	1	109	19.19	18.94		0.0
	1	215	19.30	19.09		0.0
	108	0	19.18	19.07	0-0.5	0.0
	108	55	19.18	19.03	0	0.0
	108	109	19.25	19.04	0-0.5	0.0
	216	0	19.25	19.07		0.0
DFT-s-OFDM QPSK	1	1	19.04	19.23	0	0.0
	1	109	19.10	19.15		0.0
	1	215	19.19	19.24		0.0
	108	0	19.16	19.10	0-1	0.0
	108	55	19.14	19.05	0	0.0
	108	109	19.22	19.08	0-1	0.0
	216	0	19.28	19.10		0.0
DFT-s-OFDM 16QAM	1	1	19.01	19.15	0-1	0.0
CP-OFDM QPSK	1	1	19.14	19.14	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 91 of 123		

Table I-142

NR Band n41 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.42	19.35	0	0.0
	1	95	19.40	19.15		0.0
	1	187	19.56	19.20		0.0
	90	0	19.35	19.27	0-0.5	0.0
	90	50	19.32	19.14	0	0.0
	90	99	19.45	19.20	0-0.5	0.0
	180	0	19.30	19.18		0.0
DFT-s-OFDM QPSK	1	1	19.45	19.23	0	0.0
	1	95	19.34	19.07		0.0
	1	187	19.61	19.11		0.0
	90	0	19.36	19.15	0-1	0.0
	90	50	19.36	19.06	0	0.0
	90	99	19.45	19.09	0-1	0.0
	180	0	19.34	19.10		0.0
DFT-s-OFDM 16QAM	1	1	19.23	19.42	0-1	0.0
CP-OFDM QPSK	1	1	19.34	19.17	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 92 of 123		

Table I-143

NR Band n41 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.37	19.24	19.30	0	0.0
	1	81	19.37	19.20	19.25		0.0
	1	160	19.47	19.24	19.39		0.0
	81	0	19.35	19.32	19.19	0-0.5	0.0
	81	41	19.39	19.24	19.19	0	0.0
	81	81	19.43	19.27	19.25	0-0.5	0.0
162	0	19.39	19.23	19.21	0.0		
DFT-s-OFDM QPSK	1	1	19.30	19.45	19.25	0	0.0
	1	81	19.31	19.41	19.15		0.0
	1	160	19.41	19.44	19.30		0.0
	81	0	19.37	19.29	19.19	0-1	0.0
	81	41	19.40	19.21	19.18	0	0.0
	81	81	19.44	19.28	19.26	0-1	0.0
162	0	19.40	19.28	19.22	0.0		
DFT-s-OFDM 16QAM	1	1	19.53	19.23	19.17	0-1	0.0
CP-OFDM QPSK	1	1	19.31	19.32	19.17	0-1.5	0.0

Table I-144

NR Band n41 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.42	19.37	19.15	0	0.0
	1	67	19.38	19.31	19.16		0.0
	1	131	19.48	19.36	19.30		0.0
	64	0	19.36	19.32	19.09	0-0.5	0.0
	64	35	19.35	19.26	19.14	0	0.0
	64	69	19.40	19.24	19.23	0-0.5	0.0
128	0	19.36	19.27	19.15	0.0		
DFT-s-OFDM QPSK	1	1	19.39	19.37	19.20	0	0.0
	1	67	19.35	19.29	19.15		0.0
	1	131	19.41	19.40	19.29		0.0
	64	0	19.35	19.30	19.15	0-1	0.0
	64	35	19.35	19.20	19.12	0	0.0
	64	69	19.40	19.25	19.22	0-1	0.0
128	0	19.34	19.20	19.17	0.0		
DFT-s-OFDM 16QAM	1	1	19.62	19.52	19.41	0-1	0.0
CP-OFDM QPSK	1	1	19.31	19.58	19.13	0-1.5	0.0




FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 93 of 123		

Table I-145

NR Band n41 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.38	19.59	19.52	19.28	0	0.0
	1	53	19.22	19.47	19.31	19.23		0.0
	1	104	19.53	19.52	19.41	19.41		0.0
	50	0	19.24	19.51	19.32	19.19	0-0.5	0.0
	50	28	19.23	19.46	19.35	19.21	0	0.0
	50	56	19.43	19.42	19.41	19.31	0-0.5	0.0
	100	0	19.29	19.49	19.33	19.25		0.0
DFT-s-OFDM QPSK	1	1	19.35	19.61	19.50	19.29	0	0.0
	1	53	19.26	19.48	19.32	19.27		0.0
	1	104	19.57	19.55	19.42	19.42		0.0
	50	0	19.27	19.49	19.36	19.19	0-1	0.0
	50	28	19.22	19.48	19.34	19.25	0	0.0
	50	56	19.42	19.43	19.40	19.35	0-1	0.0
	100	0	19.29	19.49	19.38	19.30		0.0
DFT-s-OFDM 16QAM	1	1	19.66	19.79	19.75	19.51	0-1	0.0
CP-OFDM QPSK	1	1	19.35	19.51	19.35	19.24	0-1.5	0.0

Table I-146

NR Band n41 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.37	19.40	19.38	19.40	19.25	0	0.0
	1	39	19.26	19.47	19.39	19.31	19.29		0.0
	1	76	19.50	19.56	19.46	19.36	19.42		0.0
	36	0	19.27	19.48	19.33	19.33	19.18	0-0.5	0.0
	36	21	19.25	19.43	19.34	19.29	19.22	0	0.0
	36	42	19.30	19.50	19.32	19.34	19.32	0-0.5	0.0
	75	0	19.30	19.50	19.38	19.33	19.27		0.0
DFT-s-OFDM QPSK	1	1	19.33	19.46	19.40	19.41	19.27	0	0.0
	1	39	19.29	19.49	19.40	19.33	19.27		0.0
	1	76	19.50	19.58	19.41	19.37	19.41		0.0
	36	0	19.30	19.47	19.33	19.32	19.23	0-1	0.0
	36	21	19.27	19.46	19.37	19.30	19.28	0	0.0
	36	42	19.29	19.50	19.33	19.28	19.35	0-1	0.0
	75	0	19.27	19.50	19.33	19.33	19.25		0.0
DFT-s-OFDM 16QAM	1	1	19.62	19.69	19.67	19.64	19.46	0-1	0.0
CP-OFDM QPSK	1	1	19.26	19.33	19.25	19.24	19.19	0-1.5	0.0





FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 94 of 123

Table I-147



NR Band n41 Antenna J 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 active) and/or DSI = 4 (Earjack active) – 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.39	19.33	19.33	19.30	19.25	0	0.0
	1	26	19.27	19.35	19.28	19.16	19.17		0.0
	1	49	19.27	19.35	19.33	19.21	19.25		0.0
	25	0	19.30	19.40	19.28	19.22	19.21	0-0.5	0.0
	25	13	19.26	19.38	19.30	19.21	19.18	0	0.0
	25	26	19.25	19.34	19.32	19.17	19.20	0-0.5	0.0
	50	0	19.29	19.37	19.32	19.21	19.16		0.0
DFT-s-OFDM QPSK	1	1	19.35	19.33	19.36	19.33	19.22	0	0.0
	1	26	19.26	19.33	19.31	19.15	19.10		0.0
	1	49	19.30	19.40	19.41	19.20	19.16		0.0
	25	0	19.29	19.41	19.29	19.27	19.18	0-1	0.0
	25	13	19.28	19.37	19.29	19.20	19.15	0	0.0
	25	26	19.24	19.35	19.32	19.14	19.17	0-1	0.0
	50	0	19.28	19.40	19.30	19.21	19.18		0.0
DFT-s-OFDM 16QAM	1	1	19.55	19.58	19.57	19.56	19.43	0-1	0.0
CP-OFDM QPSK	1	1	19.23	19.21	19.18	19.17	19.02	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 95 of 123		

**Table I-148  
NR Band n41 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 90 MHz Bandwidth**



NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.06	18.06	0	0.0
	1	123	18.17	17.92		0.0
	1	243	18.30	18.01		0.0
	120	0	18.04	18.00	0-0.5	0.0
	120	63	18.16	17.94	0	0.0
	120	125	18.27	17.93	0-0.5	0.0
	243	0	18.16	17.93		0.0
DFT-s-OFDM QPSK	1	1	18.10	18.09	0	0.0
	1	123	18.21	17.92		0.0
	1	243	18.37	18.06		0.0
	120	0	18.13	18.04	0-1	0.0
	120	63	18.24	17.96	0	0.0
	120	125	18.28	17.90	0-1	0.0
	243	0	18.22	17.98		0.0
DFT-s-OFDM 16QAM	1	1	18.34	18.32	0-1	0.0
CP-OFDM QPSK	1	1	18.05	17.98	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 96 of 123		





**Table I-149  
NR Band n41 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 80 MHz Bandwidth**

NR Band n41 80 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.08	17.99	0	0.0
	1	109	18.12	17.90		0.0
	1	215	18.25	18.01		0.0
	108	0	18.07	18.00	0-0.5	0.0
	108	55	18.07	17.90	0	0.0
	108	109	18.17	17.90	0-0.5	0.0
	216	0	18.17	17.95		0.0
DFT-s-OFDM QPSK	1	1	18.01	18.03	0	0.0
	1	109	18.05	17.90		0.0
	1	215	18.19	18.00		0.0
	108	0	18.02	18.03	0-1	0.0
	108	55	18.05	17.93	0	0.0
	108	109	18.10	17.95	0-1	0.0
	216	0	18.14	18.00		0.0
DFT-s-OFDM 16QAM	1	1	18.28	18.25	0-1	0.0
CP-OFDM QPSK	1	1	17.92	17.92	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 97 of 123		

**Table I-150**  
**NR Band n41 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 70 MHz Bandwidth**

NR Band n41 70 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.10	18.01	0	0.0
	1	95	18.10	17.88		0.0
	1	187	18.21	17.94		0.0
	90	0	18.08	17.98	0-0.5	0.0
	90	50	18.06	17.86	0	0.0
	90	99	18.19	17.88	0-0.5	0.0
	180	0	18.11	17.95		0.0
DFT-s-OFDM QPSK	1	1	18.15	18.03	0	0.0
	1	95	18.13	17.86		0.0
	1	187	18.32	17.96		0.0
	90	0	18.12	17.95	0-1	0.0
	90	50	18.12	17.89	0	0.0
	90	99	18.26	17.89	0-1	0.0
	180	0	18.14	17.95		0.0
DFT-s-OFDM 16QAM	1	1	18.37	18.29	0-1	0.0
CP-OFDM QPSK	1	1	18.14	17.95	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 98 of 123

**Table I-151**  
**NR Band n41 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 60 MHz Bandwidth**

NR Band n41 60 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.24	18.16	18.15	0	0.0
	1	81	18.28	18.14	18.12		0.0
	1	160	18.36	18.24	18.22		0.0
	81	0	18.20	18.20	18.08	0-0.5	0.0
	81	41	18.21	18.16	18.10	0	0.0
	81	81	18.28	18.20	18.12	0-0.5	0.0
	162	0	18.25	18.18	18.10		0.0
DFT-s-OFDM QPSK	1	1	18.31	18.22	18.17	0	0.0
	1	81	18.30	18.22	18.10		0.0
	1	160	18.42	18.26	18.19		0.0
	81	0	18.25	18.23	18.11	0-1	0.0
	81	41	18.25	18.17	18.08	0	0.0
	81	81	18.30	18.20	18.16	0-1	0.0
	162	0	18.28	18.16	18.16		0.0
DFT-s-OFDM 16QAM	1	1	18.62	18.50	18.37	0-1	0.0
CP-OFDM QPSK	1	1	18.08	18.14	18.15	0-1.5	0.0

**Table I-152**  
**NR Band n41 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 50 MHz Bandwidth**

NR Band n41 50 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.29	18.22	18.10	0	0.0
	1	67	18.21	18.18	18.12		0.0
	1	131	18.34	18.31	18.20		0.0
	64	0	18.20	18.21	18.01	0-0.5	0.0
	64	35	18.23	18.17	18.06	0	0.0
	64	69	18.26	18.23	18.10	0-0.5	0.0
	128	0	18.22	18.19	18.06		0.0
DFT-s-OFDM QPSK	1	1	18.27	18.28	18.11	0	0.0
	1	67	18.20	18.24	18.09		0.0
	1	131	18.32	18.30	18.21		0.0
	64	0	18.20	18.20	18.03	0-1	0.0
	64	35	18.21	18.16	18.07	0	0.0
	64	69	18.24	18.24	18.15	0-1	0.0
	128	0	18.23	18.19	18.09		0.0
DFT-s-OFDM 16QAM	1	1	18.54	18.51	18.32	0-1	0.0
CP-OFDM QPSK	1	1	18.16	18.14	18.05	0-1.5	0.0



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 99 of 123

**Table I-153**  
**NR Band n41 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 40 MHz Bandwidth**

NR Band n41 40 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.33	18.48	18.38	18.26	0	0.0
	1	53	18.20	18.37	18.24	18.18		0.0
	1	104	18.48	18.41	18.34	18.40		0.0
	50	0	18.21	18.40	18.26	18.14	0-0.5	0.0
	50	28	18.20	18.36	18.25	18.19	0	0.0
	50	56	18.35	18.33	18.29	18.27	0-0.5	0.0
	100	0	18.23	18.44	18.30	18.18		0.0
DFT-s-OFDM QPSK	1	1	18.33	18.55	18.41	18.23	0	0.0
	1	53	18.19	18.41	18.26	18.21		0.0
	1	104	18.49	18.43	18.33	18.38		0.0
	50	0	18.20	18.41	18.29	18.13	0-1	0.0
	50	28	18.17	18.38	18.31	18.17	0	0.0
	50	56	18.38	18.36	18.33	18.27	0-1	0.0
	100	0	18.24	18.43	18.30	18.20		0.0
DFT-s-OFDM 16QAM	1	1	18.59	18.79	18.69	18.51	0-1	0.0
CP-OFDM QPSK	1	1	18.24	18.40	18.33	18.16	0-1.5	0.0

**Table I-154**  
**NR Band n41 Antenna J Measured P<sub>Limit</sub> for DSI = 2 (Head) – 30 MHz Bandwidth**

NR Band n41 30 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.36	18.34	18.39	18.26	18.24	0	0.0
	1	39	18.28	18.35	18.36	18.17	18.32		0.0
	1	76	18.51	18.49	18.47	18.27	18.45		0.0
	36	0	18.30	18.36	18.36	18.24	18.22	0-0.5	0.0
	36	21	18.24	18.35	18.34	18.17	18.27	0	0.0
	36	42	18.35	18.39	18.37	18.21	18.35	0-0.5	0.0
	75	0	18.32	18.38	18.41	18.24	18.32		0.0
DFT-s-OFDM QPSK	1	1	18.36	18.36	18.30	18.26	18.36	0	0.0
	1	39	18.27	18.38	18.32	18.17	18.39		0.0
	1	76	18.53	18.46	18.39	18.24	18.51		0.0
	36	0	18.30	18.41	18.24	18.22	18.26	0-1	0.0
	36	21	18.28	18.39	18.25	18.16	18.30	0	0.0
	36	42	18.32	18.47	18.26	18.20	18.35	0-1	0.0
	75	0	18.33	18.41	18.30	18.18	18.32		0.0
DFT-s-OFDM 16QAM	1	1	18.63	18.61	18.52	18.54	18.18	0-1	0.0
CP-OFDM QPSK	1	1	18.29	18.25	18.17	18.16	18.30	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 100 of 123		

**Table I-155**  
**NR Band n41 Antenna J Measured  $P_{Limit}$  for DSI = 2 (Head) – 20 MHz Bandwidth**

NR Band n41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.29	18.29	18.26	18.22	18.21	0	0.0
	1	26	18.18	18.27	18.22	18.06	18.21		0.0
	1	49	18.22	18.32	18.28	18.06	18.16		0.0
	25	0	18.23	18.35	18.19	18.14	18.11	0-0.5	0.0
	25	13	18.18	18.29	18.20	18.11	18.13	0	0.0
	25	26	18.17	18.27	18.21	18.07	18.14	0-0.5	0.0
	50	0	18.23	18.32	18.21	18.08	18.11		0.0
DFT-s-OFDM QPSK	1	1	18.25	18.31	18.24	18.23	18.19	0	0.0
	1	26	18.13	18.28	18.16	18.12	18.02		0.0
	1	49	18.25	18.34	18.26	18.12	18.12		0.0
	25	0	18.25	18.34	18.20	18.15	18.14	0-1	0.0
	25	13	18.22	18.30	18.21	18.10	18.10	0	0.0
	25	26	18.19	18.30	18.22	18.08	18.11	0-1	0.0
	50	0	18.23	18.30	18.19	18.12	18.10		0.0
DFT-s-OFDM 16QAM	1	1	18.57	18.49	18.49	18.47	18.36	0-1	0.0
CP-OFDM QPSK	1	1	18.17	18.12	18.11	18.10	17.99	0-1.5	0.0



**I.2.12 NR Band n41 Antenna D, E, B**

**Table I-156**  
**NR Band n41 Antenna D, E, B Measured  $P_{Limit}$  for all DSI – 90 MHz Bandwidth**

NR Band n41 90 MHz Bandwidth		
Antenna	Channel	
	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant D	15.74	14.60
SRS #3 Ant E	13.70	14.32
SRS #4 Ant B	17.24	16.52

**Table I-157**  
**NR Band n41 Antenna D, E, B Measured  $P_{Limit}$  for all DSI – 80 MHz Bandwidth**

NR Band n41 80 MHz Bandwidth		
Antenna	Channel	
	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #2 Ant D	15.57	14.49
SRS #3 Ant E	13.56	14.22
SRS #4 Ant B	17.06	16.54

FCC ID A3LSMS908U	 <b>PCTEST</b> <small>Proud to be part of element</small>	<b>SAR EVALUATION REPORT</b>		<b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 09/21/21 – 12/06/21	<b>DUT Type:</b> Portable Handset			APPENDIX I: Page 101 of 123

**Table I-158**  
**NR Band n41 Antenna D, E, B Measured  $P_{Limit}$  for all DSI – 70 MHz Bandwidth**




NR Band n41 70 MHz Bandwidth		
Channel		
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant D	15.47	14.43
SRS #3 Ant E	13.65	14.13
SRS #4 Ant B	17.03	16.51

**Table I-159**  
**NR Band n41 Antenna D, E, B Measured  $P_{Limit}$  for all DSI – 60 MHz Bandwidth**

NR Band n41 60 MHz Bandwidth			
Channel			
Antenna	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant D	15.53	15.60	14.56
SRS #3 Ant E	13.87	14.94	14.25
SRS #4 Ant B	17.07	17.19	16.56

**Table I-160**  
**NR Band n41 Antenna D, E, B Measured  $P_{Limit}$  for all DSI – 50 MHz Bandwidth**

NR Band n41 50 MHz Bandwidth			
Channel			
Antenna	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant D	15.49	15.71	14.62
SRS #3 Ant E	14.07	14.82	14.28
SRS #4 Ant B	17.17	17.33	16.58

FCC ID A3LSMS908U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 102 of 123

**Table I-161**  
**NR Band n41 Antenna D, E, B Measured  $P_{Limit}$  for all DSI – 40 MHz Bandwidth**



NR Band n41 40 MHz Bandwidth				
Channel				
Antenna	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS #2 Ant D	15.43	16.01	15.34	14.64
SRS #3 Ant E	14.02	14.17	13.26	14.27
SRS #4 Ant B	17.11	17.62	17.10	16.56

**Table I-162**  
**NR Band n41 Antenna D, E, B Measured  $P_{Limit}$  for all DSI – 30 MHz Bandwidth**

NR Band n41 30 MHz Bandwidth					
Channel					
Antenna	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS #2 Ant D	15.27	16.04	15.86	15.09	14.69
SRS #3 Ant E	13.40	13.82	14.84	13.73	14.27
SRS #4 Ant B	17.16	17.52	17.49	16.87	16.62

**Table I-163**  
**NR Band n41 Antenna D, E, B Measured  $P_{Limit}$  for all DSI – 20 MHz Bandwidth**



NR Band n41 20 MHz Bandwidth					
Channel					
Antenna	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 D	15.28	15.99	15.87	15.04	14.72
SRS #3 Ant E	14.18	13.85	14.68	13.74	13.82
SRS #4 Ant B	17.08	17.34	17.36	16.72	16.61

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 103 of 123		

### I.2.13 NR Band n77 DoD Antenna F

**Table I-164**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 90 MHz Bandwidth**  
**NR Band n77**  
**90 MHz Bandwidth**



Modulation	RB Size	RB Offset	Channel		MPR [dB]
			633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.16	0	0.0
	1	123	17.16		0.0
	1	243	17.28		0.0
	120	0	17.10	0-0.5	0.0
	120	63	17.14	0	0.0
	120	125	17.18	0-0.5	0.0
	243	0	17.15		0.0
DFT-s-OFDM QPSK	1	1	17.21	0	0.0
	1	123	17.24		0.0
	1	243	17.37		0.0
	120	0	17.12	0-1	0.0
	120	63	17.17	0	0.0
	120	125	17.22	0-1	0.0
	243	0	17.21		0.0
DFT-s-OFDM 16QAM	1	1	17.18	0-1	0.0
CP-OFDM QPSK	1	1	17.02	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of the element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 104 of 123





**Table I-165**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 80 MHz Bandwidth**  
**NR Band n77**  
**80 MHz Bandwidth**

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.23	0	0.0
	1	109	17.19		0.0
	1	215	17.32		0.0
	108	0	17.13	0-0.5	0.0
	108	55	17.17	0	0.0
	108	109	17.21		0.0
	216	0	17.21		0-0.5
DFT-s-OFDM QPSK	1	1	17.21	0	0.0
	1	109	17.18		0.0
	1	215	17.21		0.0
	108	0	17.12	0-1	0.0
	108	55	17.19	0	0.0
	108	109	17.19	0-1	0.0
	216	0	17.24		0.0
DFT-s-OFDM 16QAM	1	1	17.34	0-1	0.0
CP-OFDM QPSK	1	1	17.23	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 105 of 123



**Table I-166**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 70 MHz Bandwidth**  
**NR Band n77**  
**70 MHz Bandwidth**

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.64	0	0.0
	1	95	17.63		0.0
	1	187	17.68		0.0
	90	0	17.54	0-0.5	0.0
	90	50	17.57	0	0.0
	90	99	17.61		0.0
	180	0	17.56		0-0.5
DFT-s-OFDM QPSK	1	1	17.47	0	0.0
	1	95	17.44		0.0
	1	187	17.41		0.0
	90	0	17.32	0-1	0.0
	90	50	17.35	0	0.0
	90	99	17.34	0-1	0.0
	180	0	17.35		0.0
DFT-s-OFDM 16QAM	1	1	17.55	0-1	0.0
CP-OFDM QPSK	1	1	17.28	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 106 of 123



**Table I-167**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 60 MHz Bandwidth**  
**NR Band n77**  
**60 MHz Bandwidth**

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.45	0	0.0
	1	81	17.37		0.0
	1	160	17.38		0.0
	81	0	17.28	0-0.5	0.0
	81	41	17.29	0	0.0
	81	81	17.28	0-0.5	0.0
	162	0	17.33		0.0
DFT-s-OFDM QPSK	1	1	17.51	0	0.0
	1	81	17.46		0.0
	1	160	17.42		0.0
	81	0	17.31	0-1	0.0
	81	41	17.28	0	0.0
	81	81	17.30	0-1	0.0
	162	0	17.22		0.0
DFT-s-OFDM 16QAM	1	1	17.30	0-1	0.0
CP-OFDM QPSK	1	1	17.30	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 107 of 123



**Table I-168**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 50 MHz Bandwidth**  
**NR Band n77**  
**50 MHz Bandwidth**

Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.41	17.39	0	0.0
	1	67	17.25	17.35		0.0
	1	131	17.22	17.45		0.0
	64	0	17.36	17.31	0-0.5	0.0
	64	35	17.24	17.33	0	0.0
	64	69	17.19	17.35	0-0.5	0.0
	128	0	17.28	17.31		0.0
DFT-s-OFDM QPSK	1	1	17.45	17.42	0	0.0
	1	67	17.26	17.36		0.0
	1	131	17.21	17.49		0.0
	64	0	17.37	17.31	0-1	0.0
	64	35	17.25	17.28	0	0.0
	64	69	17.22	17.30	0-1	0.0
	128	0	17.29	17.32		0.0
DFT-s-OFDM 16QAM	1	1	17.42	17.47	0-1	0.0
CP-OFDM QPSK	1	1	17.54	17.37	0-1.5	0.0

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of Samsung</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 108 of 123

**Table I-169**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 40 MHz Bandwidth**  
**NR Band n77**  
**40 MHz Bandwidth**

Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.64	17.59	0	0.0
	1	53	17.46	17.64		0.0
	1	104	17.57	17.88		0.0
	50	0	17.57	17.59	0-0.5	0.0
	50	28	17.54	17.69	0	0.0
	50	56	17.53	17.78	0-0.5	0.0
	100	0	17.59	17.73		0.0
DFT-s-OFDM QPSK	1	1	17.71	17.60	0	0.0
	1	53	17.52	17.64		0.0
	1	104	17.57	17.92		0.0
	50	0	17.59	17.58	0-1	0.0
	50	28	17.56	17.68	0	0.0
	50	56	17.57	17.78	0-1	0.0
	100	0	17.59	17.72		0.0
DFT-s-OFDM 16QAM	1	1	17.58	17.54	0-1	0.0
CP-OFDM QPSK	1	1	17.64	17.55	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 109 of 123		

**Table I-170**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 30 MHz Bandwidth**

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.76	17.53	17.75	0	0.0
	1	39	17.62	17.46	17.71		0.0
	1	76	17.64	17.58	17.87		0.0
	36	0	17.62	17.50	17.69	0-0.5	0.0
	36	21	17.53	17.48	17.65	0	0.0
	36	42	17.57	17.52	17.75	0-0.5	0.0
	75	0	17.61	17.51	17.72		0.0
DFT-s-OFDM QPSK	1	1	17.69	17.54	17.75	0	0.0
	1	39	17.54	17.43	17.70		0.0
	1	76	17.51	17.51	17.89		0.0
	36	0	17.60	17.52	17.68	0-1	0.0
	36	21	17.56	17.50	17.63	0	0.0
	36	42	17.61	17.55	17.72	0-1	0.0
	75	0	17.63	17.53	17.66		0.0
DFT-s-OFDM 16QAM	1	1	17.78	17.73	17.80	0-1	0.0
CP-OFDM QPSK	1	1	17.70	17.46	17.79	0-1.5	0.0

**Table I-171**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 20 MHz Bandwidth**

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.57	17.62	17.69	0	0.0
	1	26	17.45	17.51	17.62		0.0
	1	49	17.53	17.64	17.74		0.0
	25	0	17.46	17.48	17.61	0-0.5	0.0
	25	13	17.44	17.43	17.62	0	0.0
	25	26	17.47	17.52	17.72	0-0.5	0.0
	50	0	17.43	17.49	17.68		0.0
DFT-s-OFDM QPSK	1	1	17.57	17.48	17.70	0	0.0
	1	26	17.42	17.44	17.64		0.0
	1	49	17.45	17.55	17.71		0.0
	25	0	17.48	17.47	17.61	0-1	0.0
	25	13	17.45	17.43	17.59	0	0.0
	25	26	17.49	17.50	17.65	0-1	0.0
	50	0	17.45	17.47	17.61		0.0
DFT-s-OFDM 16QAM	1	1	17.45	17.74	17.62	0-1	0.0
CP-OFDM QPSK	1	1	17.62	17.47	17.68	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 110 of 123		

**Table I-172**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 15 MHz Bandwidth**

NR Band n77 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630500 (3457.5 MHz)	633334 (3500.01 MHz)	636166 (3542.49 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.45	17.35	17.59	0	0.0
	1	19	17.46	17.42	17.65		0.0
	1	36	17.52	17.48	17.80		0.0
	18	0	17.43	17.29	17.55	0-0.5	0.0
	18	10	17.42	17.34	17.57	0	0.0
	18	20	17.42	17.37	17.64	0-0.5	0.0
	36	0	17.44	17.36	17.55		0.0
DFT-s-OFDM QPSK	1	1	17.47	17.39	17.55	0	0.0
	1	19	17.41	17.43	17.60		0.0
	1	36	17.52	17.48	17.77		0.0
	18	0	17.40	17.34	17.57	0-1	0.0
	18	10	17.39	17.33	17.54	0	0.0
	18	20	17.46	17.38	17.63	0-1	0.0
	36	0	17.42	17.35	17.56		0.0
DFT-s-OFDM 16QAM	1	1	17.62	17.68	17.82	0-1	0.0
CP-OFDM QPSK	1	1	17.66	17.24	17.49	0-1.5	0.0

**Table I-173**  
**NR Band n77 DoD Antenna F Measured  $P_{Limit}$  for all DSI – 10 MHz Bandwidth**

NR Band n77 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630334 (3455.01 MHz)	633334 (3500.01 MHz)	636332 (3544.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.28	17.36	17.42	0	0.0
	1	12	17.30	17.38	17.43		0.0
	1	22	17.33	17.38	17.56		0.0
	12	0	17.29	17.21	17.35	0-0.5	0.0
	12	6	17.30	17.28	17.39	0	0.0
	12	12	17.31	17.32	17.46	0-0.5	0.0
	24	0	17.28	17.28	17.42		0.0
DFT-s-OFDM QPSK	1	1	17.33	17.27	17.36	0	0.0
	1	12	17.29	17.32	17.40		0.0
	1	22	17.32	17.39	17.49		0.0
	12	0	17.29	17.28	17.42	0-1	0.0
	12	6	17.31	17.32	17.42	0	0.0
	12	12	17.32	17.36	17.44	0-1	0.0
	24	0	17.32	17.34	17.48		0.0
DFT-s-OFDM 16QAM	1	1	17.05	16.99	17.13	0-1	0.0
CP-OFDM QPSK	1	1	17.41	17.32	17.31	0-1.5	0.0

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 111 of 123

## I.2.14 NR Band n77 DoD Antenna I, D, C

**Table I-174**  
NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 90 MHz Bandwidth



NR Band n77 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	16.54
SRS #3 Ant D	10.30
SRS #4 Ant C	11.35

**Table I-175**  
NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	16.51
SRS #3 Ant D	10.23
SRS #4 Ant C	11.31

**Table I-176**  
NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	16.43
SRS #3 Ant D	10.25
SRS #4 Ant C	11.26

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 112 of 123



**Table I-177**  
**NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 60 MHz Bandwidth**



NR Band n77 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	16.60
SRS #3 Ant D	10.38
SRS #4 Ant C	11.35

**Table I-178**  
**NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 50 MHz Bandwidth**

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	631668 (3475.02 MHz)	635000 (3525 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	16.40	16.62
SRS #3 Ant D	10.36	10.17
SRS #4 Ant C	11.05	10.94

**Table I-179**  
**NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 40 MHz Bandwidth**

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	631334 (3470.01 MHz)	635332 (3529.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	16.67	17.04
SRS #3 Ant D	10.61	10.24
SRS #4 Ant C	11.30	11.06

FCC ID A3LSMS908U	 <b>PCTEST</b> <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 113 of 123

**Table I-180**  
**NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 30 MHz Bandwidth**



NR Band n77 30 MHz Bandwidth			
Channel			
Antenna	631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant I	16.69	16.72	16.91
SRS #3 Ant D	10.71	10.68	10.24
SRS #4 Ant C	11.30	11.29	11.02

**Table I-181**  
**NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 20 MHz Bandwidth**

NR Band n77 20 MHz Bandwidth			
Channel			
Antenna	630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)
	Conducted Power [dBm]		
SRS #2 Ant I	16.64	16.68	16.91
SRS #3 Ant D	10.60	10.31	10.08
SRS #4 Ant C	11.28	11.21	11.02

**Table I-182**  
**NR Band n77 DoD Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 15 MHz Bandwidth**

NR Band n77 15 MHz Bandwidth			
Channel			
Antenna	630500 (3457.5 MHz)	633334 (3500.01 MHz)	636166 (3542.49 MHz)
	Conducted Power [dBm]		
SRS #2 Ant I	16.68	16.68	16.90
SRS #3 Ant D	10.69	10.40	10.10
SRS #4 Ant C	11.31	11.24	10.59

FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 114 of 123



**Table I-183**  
**NR Band n77 DoD Antenna I, D, C Measured P<sub>Limit</sub> for all DSI – 10 MHz Bandwidth**

NR Band n77 10 MHz Bandwidth			
Channel			
Antenna	630334 (3455.01 MHz)	633334 (3500.01 MHz)	636332 (3544.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant I	16.41	16.48	16.64
SRS #3 Ant D	10.47	10.22	9.90
SRS #4 Ant C	11.16	11.26	10.79

**I.2.15 NR Band n77 C-Band Antenna F**

**Table I-184**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 90 MHz Bandwidth**

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.37	16.25	17.07	0	0.0
	1	123	17.32	17.08	17.37		0.0
	1	243	16.93	17.13	17.00		0.0
	120	0	17.52	16.70	17.27	0-0.5	0.0
	120	63	17.25	17.00	17.30	0	0.0
	120	125	16.78	16.98	17.19	0-0.5	0.0
	243	0	17.15	16.83	17.16		0.0
DFT-s-OFDM QPSK	1	1	17.46	16.16	17.13	0	0.0
	1	123	17.41	16.96	17.39		0.0
	1	243	16.80	17.08	17.02		0.0
	120	0	17.53	16.72	17.26	0-1	0.0
	120	63	17.27	16.97	17.29	0	0.0
	120	125	16.76	16.94	17.19	0-1	0.0
	243	0	17.18	16.83	17.18		0.0
DFT-s-OFDM 16QAM	1	1	17.10	16.15	17.20	0-1	0.0
CP-OFDM QPSK	1	1	17.29	16.25	17.15	0-1.5	0.0



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 115 of 123		

**Table I-185**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 80 MHz Bandwidth**

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.17	16.07	17.18	0	0.0
	1	109	17.34	16.90	17.41		0.0
	1	215	16.45	16.90	16.98		0.0
	108	0	17.39	16.44	17.33	0-0.5	0.0
	108	55	17.30	16.83	17.27	0	0.0
	108	109	16.80	16.85	17.16	0-0.5	0.0
	216	0	17.16	16.72	17.20		0.0
DFT-s-OFDM QPSK	1	1	17.22	16.10	17.18	0	0.0
	1	109	17.32	16.87	17.39		0.0
	1	215	16.48	16.82	16.94		0.0
	108	0	17.36	16.44	17.35	0-1	0.0
	108	55	17.30	16.85	17.30	0	0.0
	108	109	16.80	16.86	17.15	0-1	0.0
	216	0	17.15	16.71	17.19		0.0
DFT-s-OFDM 16QAM	1	1	17.10	15.95	17.18	0-1	0.0
CP-OFDM QPSK	1	1	17.20	16.05	17.25	0-1.5	0.0

**Table I-186**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 70 MHz Bandwidth**

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.23	16.30	16.85	17.25	0	0.0
	1	95	17.27	16.62	16.97	17.37		0.0
	1	187	16.48	16.95	17.16	16.95		0.0
	90	0	17.31	16.08	16.90	17.29	0-0.5	0.0
	90	50	17.24	16.31	17.00	17.28	0	0.0
	90	99	16.83	16.72	17.04	17.15	0-0.5	0.0
	180	0	17.35	16.31	17.03	17.20		0.0
DFT-s-OFDM QPSK	1	1	17.32	16.10	16.93	17.27	0	0.0
	1	95	17.41	16.27	17.19	17.35		0.0
	1	187	16.65	16.72	17.30	16.94		0.0
	90	0	17.39	16.00	16.91	17.27	0-1	0.0
	90	50	17.26	16.29	17.02	17.30	0	0.0
	90	99	16.95	16.67	17.05	17.18	0-1	0.0
	180	0	17.23	16.31	17.05	17.27		0.0
DFT-s-OFDM 16QAM	1	1	17.39	16.00	16.97	17.34	0-1	0.0
CP-OFDM QPSK	1	1	17.17	16.16	16.91	17.28	0-1.5	0.0



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 116 of 123

**Table I-187**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 60 MHz Bandwidth**

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.01	16.40	17.05	17.48	0	0.0
	1	81	17.40	16.15	17.20	17.56		0.0
	1	160	16.73	16.77	17.52	17.03		0.0
	81	0	17.33	16.06	17.04	17.43	0-0.5	0.0
	81	41	17.05	15.97	17.12	17.35	0	0.0
	81	81	16.84	16.35	17.29	17.25	0-0.5	0.0
	162	0	17.05	16.13	17.12	17.35		0.0
DFT-s-OFDM QPSK	1	1	17.04	16.05	17.00	17.36	0	0.0
	1	81	17.52	15.85	17.12	17.38		0.0
	1	160	16.91	16.56	17.40	17.00		0.0
	81	0	17.35	15.95	17.04	17.44	0-1	0.0
	81	41	17.45	15.90	17.08	17.42	0	0.0
	81	81	17.10	16.17	17.27	17.24	0-1	0.0
	162	0	17.33	16.03	17.16	17.38		0.0
DFT-s-OFDM 16QAM	1	1	17.01	16.37	17.33	17.28	0-1	0.0
CP-OFDM QPSK	1	1	16.98	16.40	17.04	17.35	0-1.5	0.0

**Table I-188**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 50 MHz Bandwidth**

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.77	16.44	16.73	16.66	17.36	0	0.0
	1	67	17.43	16.13	17.00	16.92	17.44		0.0
	1	131	16.98	16.54	17.20	17.13	17.05		0.0
	64	0	17.14	16.18	16.98	16.83	17.44	0-0.5	0.0
	64	35	17.36	16.01	17.02	16.95	17.37	0	0.0
	64	69	17.28	16.23	17.01	17.08	17.30	0-0.5	0.0
	128	0	17.20	15.86	16.74	16.92	17.42		0.0
DFT-s-OFDM QPSK	1	1	16.82	16.51	16.44	16.76	17.39	0	0.0
	1	67	17.43	16.20	16.96	17.01	17.47		0.0
	1	131	17.00	16.58	16.92	17.18	17.11		0.0
	64	0	17.08	16.10	16.42	17.15	17.52	0-1	0.0
	64	35	17.34	16.05	16.70	17.30	17.43	0	0.0
	64	69	17.27	16.29	16.79	17.43	17.28	0-1	0.0
	128	0	17.20	15.82	16.63	17.29	17.37		0.0
DFT-s-OFDM 16QAM	1	1	17.14	16.40	16.50	16.91	17.49	0-1	0.0
CP-OFDM QPSK	1	1	16.80	16.30	16.26	16.90	17.32	0-1.5	0.0



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 117 of 123		

**Table I-189**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 40 MHz Bandwidth**

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.30	16.52	16.20	17.26	17.32	17.34	0	0.0
	1	53	17.45	16.20	16.06	17.11	17.29	17.52		0.0
	1	104	17.23	16.53	16.75	17.30	17.49	17.45		0.0
	50	0	17.36	16.39	16.27	17.13	17.36	17.61	0-0.5	0.0
	50	28	17.40	16.29	16.61	17.07	17.39	17.48	0	0.0
	50	56	17.41	16.39	16.90	17.15	17.46	17.49	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	17.20	16.27	16.59	17.09	17.42	17.54	0	0.0
	1	1	17.37	16.53	16.26	17.22	17.42	17.31	0	0.0
	1	53	17.48	16.30	16.07	17.11	17.45	17.53		0.0
	1	104	17.27	16.57	16.81	17.33	17.62	17.43		0.0
	50	0	17.44	16.34	16.35	17.13	17.37	17.68	0-1	0.0
	50	28	17.47	16.29	16.61	17.07	17.40	17.51	0	0.0
50	56	17.44	16.37	16.94	17.19	17.46	17.51	0-1	0.0	
DFT-s-OFDM 16QAM	100	0	17.43	16.27	16.57	17.12	17.40	17.53	0	0.0
CP-OFDM QPSK	1	1	17.58	16.49	16.42	17.53	17.44	17.48	0-1	0.0
	1	1	17.53	16.63	16.12	17.20	17.35	17.50	0-1.5	0.0

**Table I-190**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 30 MHz Bandwidth**

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.26	16.53	16.33	17.11	17.25	17.32	0	0.0
	1	39	17.55	16.29	16.36	17.14	17.32	17.49		0.0
	1	76	17.28	16.46	16.98	17.29	17.39	17.26		0.0
	36	0	17.36	16.20	16.59	17.07	17.30	17.45	0-0.5	0.0
	36	21	17.46	16.31	16.74	17.04	17.31	17.43	0	0.0
	36	42	17.47	16.23	16.94	17.16	17.35	17.34	0-0.5	0.0
DFT-s-OFDM QPSK	75	0	17.50	16.40	16.74	17.14	17.34	17.48	0	0.0
	1	1	17.32	16.55	16.39	17.17	17.34	17.37	0	0.0
	1	39	17.59	16.35	16.45	17.16	17.37	17.51		0.0
	1	76	17.26	16.53	17.03	17.32	17.41	17.34		0.0
	36	0	17.40	16.36	16.54	17.02	17.32	17.53	0-1	0.0
	36	21	17.50	16.40	16.75	17.06	17.31	17.47	0	0.0
36	42	17.51	16.24	16.94	17.17	17.33	17.35	0-1	0.0	
DFT-s-OFDM 16QAM	75	0	17.50	16.45	16.91	17.12	17.34	17.50	0	0.0
CP-OFDM QPSK	1	1	17.49	16.42	16.66	17.14	17.31	17.44	0-1	0.0
	1	1	17.21	16.56	16.50	17.20	17.38	17.47	0-1.5	0.0



FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 118 of 123		

**Table I-191**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 20 MHz Bandwidth**

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.29	16.49	15.80	16.82	17.22	17.31	0	0.0
	1	26	17.52	16.38	16.38	16.91	17.28	17.42		0.0
	1	49	17.23	16.48	16.76	17.03	17.38	17.29		0.0
	25	0	17.41	16.49	16.25	16.87	17.30	17.45	0-0.5	0.0
	25	13	17.51	16.36	16.33	16.90	17.29	17.37	0	0.0
	25	26	17.49	16.25	16.60	17.01	17.35	17.28	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	17.32	16.55	15.95	16.93	17.33	17.36	0	0.0
	1	26	17.53	16.35	16.40	16.94	17.28	17.40		0.0
	1	49	17.23	16.53	16.77	17.08	17.40	17.32		0.0
	25	0	17.42	16.49	16.19	16.88	17.29	17.46	0-1	0.0
	25	13	17.47	16.39	16.39	16.92	17.33	17.39	0	0.0
	25	26	17.47	16.21	16.66	17.02	17.39	17.32	0-1	0.0
DFT-s-OFDM 16QAM	1	1	17.57	16.29	16.24	17.12	17.45	17.47	0-1	0.0
CP-OFDM QPSK	1	1	17.27	16.62	15.88	16.80	17.23	17.40	0-1.5	0.0

**Table I-192**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 15 MHz Bandwidth**

NR Band n77 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647168 (3707.52 MHz)	650700 (3760.5 MHz)	654234 (3813.51 MHz)	657766 (3866.49 MHz)	661300 (3919.5 MHz)	664832 (3972.48 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.40	16.60	16.17	16.99	17.32	17.33	0	0.0
	1	19	17.48	16.36	16.47	17.04	17.43	17.39		0.0
	1	36	17.30	16.51	16.90	17.21	17.58	17.30		0.0
	18	0	17.43	16.47	16.38	16.98	17.37	17.42	0-0.5	0.0
	18	10	17.45	16.37	16.49	17.06	17.44	17.36	0	0.0
	18	20	17.44	16.28	16.72	17.15	17.47	17.31	0-0.5	0.0
DFT-s-OFDM QPSK	36	0	17.47	16.46	16.53	17.09	17.50	17.38	0	0.0
	1	1	17.42	16.55	16.24	17.06	17.31	17.30	0	0.0
	1	19	17.47	16.34	16.51	17.04	17.48	17.45		0.0
	1	36	17.17	16.51	16.89	17.21	17.52	17.41		0.0
	18	0	17.46	16.45	16.42	17.03	17.33	17.46	0-1	0.0
	18	10	17.45	16.37	16.58	17.05	17.46	17.31	0	0.0
DFT-s-OFDM 16QAM	18	20	17.47	16.28	16.77	17.13	17.50	17.26	0-1	0.0
	36	0	17.47	16.44	16.55	17.07	17.50	17.32		0.0
DFT-s-OFDM 16QAM	1	1	17.60	16.49	16.46	17.35	17.46	17.49	0-1	0.0
CP-OFDM QPSK	1	1	17.31	16.55	16.18	16.94	17.40	17.35	0-1.5	0.0

FCC ID A3LSMS908U		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 119 of 123		

**Table I-193**  
**NR Band n77 C-Band Antenna F Measured P<sub>Limit</sub> for all DSI – 10 MHz Bandwidth**

NR Band n77 10 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647000 (3705 MHz)	650600 (3759 MHz)	654200 (3813 MHz)	657800 (3867 MHz)	661400 (3921 MHz)	665000 (3975 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.16	16.53	16.20	16.93	17.24	17.18	0	0.0
	1	12	17.39	16.45	16.44	17.07	17.33	17.11		0.0
	1	22	17.26	16.45	16.74	16.91	17.29	17.13		0.0
	12	0	17.27	16.34	16.41	16.94	17.25	17.11	0-0.5	0.0
	12	6	17.33	16.39	16.62	16.97	17.28	17.08	0	0.0
	12	12	17.38	16.25	16.72	16.92	17.27	17.10	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	17.23	16.58	16.33	17.00	17.31	17.25	0	0.0
	1	12	17.41	16.46	16.52	17.07	17.41	17.15		0.0
	1	22	17.27	16.48	16.80	16.95	17.31	17.13		0.0
	12	0	17.23	16.33	16.44	16.96	17.27	17.15	0-1	0.0
	12	6	17.34	16.43	16.64	16.99	17.31	17.14	0	0.0
	12	12	17.35	16.27	16.75	17.00	17.29	17.08	0-1	0.0
DFT-s-OFDM 16QAM	1	1	17.39	16.47	16.56	17.19	17.42	17.45	0-1	0.0
CP-OFDM QPSK	1	1	17.06	16.43	16.22	16.81	17.12	17.05	0-1.5	0.0



**I.2.16 NR Band n77 C-Band Antenna I, D, C**

**Table I-194**  
**NR Band n77 C-Band Antenna I, D, C Measured P<sub>Limit</sub> for all DSI – 90 MHz Bandwidth**

NR Band n77 90 MHz Bandwidth			
Antenna	Channel		
	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant I	16.05	17.01	17.15
SRS #3 Ant D	10.17	10.06	9.38
SRS #4 Ant C	10.50	10.56	10.38

**Table I-195**  
**NR Band n77 C-Band Antenna I, D, C Measured P<sub>Limit</sub> for all DSI – 80 MHz Bandwidth**

NR Band n77 80 MHz Bandwidth			
Antenna	Channel		
	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant I	16.21	17.01	17.17
SRS #3 Ant D	10.15	10.08	9.32
SRS #4 Ant C	10.38	10.58	10.32

FCC ID A3LSMS908U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 120 of 123		



**Table I-196**  
**NR Band n77 C-Band Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 70 MHz Bandwidth**  
**NR Band n77**  
**70 MHz Bandwidth**




Channel				
Antenna	649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	16.41	16.26	17.11	17.15
SRS #3 Ant D	10.21	9.30	10.00	9.21
SRS #4 Ant C	10.57	10.03	10.64	10.32

**Table I-197**  
**NR Band n77 C-Band Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 60 MHz Bandwidth**  
**NR Band n77**  
**60 MHz Bandwidth**

Channel				
Antenna	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	16.76	16.02	17.24	17.20
SRS #3 Ant D	10.15	9.24	10.08	9.24
SRS #4 Ant C	10.87	9.80	10.81	10.32

**Table I-198**  
**NR Band n77 C-Band Antenna I, D, C Measured  $P_{Limit}$  for all DSI – 50 MHz Bandwidth**  
**NR Band n77**  
**50 MHz Bandwidth**

Channel					
Antenna	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 I	16.89	15.77	17.05	17.20	17.14
SRS #3 Ant D	10.40	9.29	10.21	9.92	9.27
SRS #4 Ant C	10.90	9.62	10.69	10.76	10.40

FCC ID A3LSMS908U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset			APPENDIX I: Page 121 of 123

**Table I-199**  
**NR Band n77 C-Band Antenna I, D, C Measured P<sub>Limit</sub> for all DSI – 40 MHz Bandwidth**



NR Band n77 40 MHz Bandwidth						
Channel						
Antenna	648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)
	Conducted Power [dBm]					
SRS #2 Ant I	16.99	15.83	16.76	17.34	17.52	17.14
SRS #3 Ant D	10.62	9.59	10.06	10.33	10.02	9.22
SRS #4 Ant C	10.99	10.14	10.47	10.87	10.97	10.48

**Table I-200**  
**NR Band n77 C-Band Antenna I, D, C Measured P<sub>Limit</sub> for all DSI – 30 MHz Bandwidth**

NR Band n77 30 MHz Bandwidth						
Channel						
Antenna	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 I	16.95	15.87	16.86	17.36	17.54	17.13
SRS #3 Ant D	10.67	9.64	10.12	10.39	10.02	9.22
SRS #4 Ant C	11.06	10.17	10.52	10.89	10.94	10.31

**Table I-201**  
**NR Band n77 C-Band Antenna I, D, C Measured P<sub>Limit</sub> for all DSI – 20 MHz Bandwidth**

NR Band n77 20 MHz Bandwidth						
Channel						
Antenna	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 I	16.98	15.97	16.67	17.39	17.50	17.11
SRS #3 Ant D	10.61	9.73	9.90	10.34	9.95	9.21
SRS #4 Ant C	11.07	10.24	10.27	10.88	10.85	10.25



FCC ID A3LSMS908U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 09/21/21 – 12/06/21	DUT Type: Portable Handset	APPENDIX I: Page 122 of 123		

**Table I-202**  
**NR Band n77 C-Band Antenna I, D, C Measured P<sub>Limit</sub> for all DSI – 15 MHz Bandwidth**

NR Band n77 15 MHz Bandwidth						
Channel						
Antenna	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 I	17.01	15.95	16.68	17.36	17.46	17.15
SRS #3 Ant D	10.63	9.71	10.02	10.36	9.90	9.22
SRS #4 Ant C	11.03	10.25	10.35	10.87	10.83	10.27

**Table I-203**  
**NR Band n77 C-Band Antenna I, D, C Measured P<sub>Limit</sub> for all DSI – 10 MHz Bandwidth**

NR Band n77 10 MHz Bandwidth						
Channel						
Antenna	647000 (3705 MHz)	650600 (3759 MHz)	654200 (3813 MHz)	657800 (3867 MHz)	661400 (3921 MHz)	665000 (3975 MHz)
	Conducted Power [dBm]					
SRS #2 Ant I	16.96	16.00	16.59	17.17	17.42	17.15
SRS #3 Ant D	10.46	9.79	9.70	10.13	9.79	9.28
SRS #4 Ant C	10.90	10.29	10.24	10.66	10.74	10.28

FCC ID A3LSMS908U	 <b>PCTEST</b> <small>Proud to be part of element</small>	<b>SAR EVALUATION REPORT</b>		<b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 09/21/21 – 12/06/21	<b>DUT Type:</b> Portable Handset		APPENDIX I: Page 123 of 123	