

APPENDIX A: SAR TEST RESULTS FOR P_{LIMIT} CALCULATIONS

Table A-1
DSI = 2 P_{Limit} Calculations – NR Band n25 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.08	F	0	Right	Cheek	DFT-S-OFDM	QPSK	1	108	1:1	0.279	24.624	20.838
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.39	F	0	Right	Cheek	DFT-S-OFDM	QPSK	108	108	1:1	0.302	24.590	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.08	F	0	Right	Tilt	DFT-S-OFDM	QPSK	1	108	1:1	0.433	22.715	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.39	F	0	Right	Tilt	DFT-S-OFDM	QPSK	108	108	1:1	0.457	22.791	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.08	F	0	Left	Cheek	DFT-S-OFDM	QPSK	1	108	1:1	0.527	21.862	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.39	F	0	Left	Cheek	DFT-S-OFDM	QPSK	108	108	1:1	0.552	21.971	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.08	F	0	Left	Tilt	DFT-S-OFDM	QPSK	1	108	1:1	0.649	20.958	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.39	F	0	Left	Tilt	DFT-S-OFDM	QPSK	108	108	1:1	0.676	21.091	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.06	F	0	Left	Tilt	CP-OFDM	QPSK	1	1	1:1	0.664	20.838	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

FCC ID: A3LSMS901U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 12/06/21	DUT Type: Portable Handset			APPENDIX A: Page 1 of 1