

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

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation. Data highlighted in blue was tested and provided by the manufacturer.

Table A-1
DSI = 2 P_{Limit} Calculations –NR Band n77 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
Mhz	Ch.													(W/kg)			
3750.00	650000	Low	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	16.35	1:1	0.564	18.84	18.81	
3930.00	662000	High	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	16.37	1:1	0.484	19.52		
3750.00	650000	Low	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	16.26	1:1	0.547	18.88		
3930.00	662000	High	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	69	16.34	1:1	0.475	19.57		
3930.00	662000	High	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	270	0	16.31	1:1	0.466	19.63		
3750.00	650000	Low	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	16.35	1:1	0.568	18.81		
3930.00	662000	High	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	16.37	1:1	0.472	19.63		
3750.00	650000	Low	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	16.26	1:1	0.529	19.03		
3930.00	662000	High	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	69	16.34	1:1	0.466	19.66		
3930.00	662000	High	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	270	0	16.31	1:1	0.466	19.63		
3750.00	650000	Low	Right	Tilt	NR Band n77	G	100	CP-OFDM	QPSK	1	1	16.42	1:1	0.551	19.01		
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	1	16.20	1:1	0.443	19.74		
3930.00	662000	High	Left	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	16.37	1:1	0.156	24.44		
3930.00	662000	High	Left	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	69	16.34	1:1	0.154	24.47		
3930.00	662000	High	Left	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	16.37	1:1	0.166	24.17		
3930.00	662000	High	Left	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	69	16.34	1:1	0.168	24.09		
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population										Head 1.6 W/kg (mW/g) averaged over 1 gram							

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