

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

<b>FCC ID:</b> BCGA2764	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1C2305090019-03.BCG	<b>DUT Type:</b> Tablet Device	APPENDIX A: Page 1 of 3

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

**Table A-1**  
**DSI = 1 Plimit Calculations - NR Band n48 Ant 1**

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	1	1	11.87	0	1:1	0.562	13.40	11.26
3624.99	641666	Mid	back	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	1	1	11.41	0	1:1	0.809	11.36	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	1	1	11.85	0	1:1	0.912	11.28	
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	50	0	11.74	0	1:1	0.538	13.46	
3624.99	641666	Mid	back	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	50	0	11.57	0	1:1	0.813	11.50	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	50	0	11.66	0	1:1	0.877	11.26	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	100	0	11.70	0	1:1	0.883	11.27	
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 1	40	CP-OFDM	QPSK	1	1	11.45	0	1:1	0.704	12.01	
3570.00	638000	Low	top	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	1	1	11.87	0	1:1	0.000	40.90	
3570.00	638000	Low	top	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	50	0	11.74	0	1:1	0.000	40.77	
3570.00	638000	Low	bottom	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	1	1	11.87	0	1:1	0.458	14.29	
3570.00	638000	Low	bottom	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	50	0	11.74	0	1:1	0.455	14.19	
3570.00	638000	Low	right	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	1	1	11.87	0	1:1	0.010	30.90	
3570.00	638000	Low	right	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	50	0	11.74	0	1:1	0.000	40.77	
3570.00	638000	Low	left	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	1	1	11.87	0	1:1	0.328	15.74	
3570.00	638000	Low	left	0 mm	NR Band n48	Ant 1	40	DFT-S-OFDM	QPSK	50	0	11.74	0	1:1	0.331	15.57	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT											Body						
Spatial Peak											1.6 W/kg (mW/g)						
Uncontrolled Exposure/General Population											averaged over 1 gram						

**Table A-2**  
**DSI = 1 Plimit Calculations - NR Band n48 Ant 2a**

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.55	0	1:1	0.811	12.46	12.46
3624.99	641666	Mid	back	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.55	0	1:1	0.504	14.53	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.68	0	1:1	0.674	13.39	
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	28	11.22	0	1:1	0.557	13.76	
3624.99	641666	Mid	back	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	0	11.30	0	1:1	0.756	12.51	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	0	11.67	0	1:1	0.667	13.43	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	100	0	11.56	0	1:1	0.659	13.37	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 2a	40	CP-OFDM	QPSK	1	1	11.33	0	1:1	0.669	13.08	
3679.98	645332	High	top	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.68	0	1:1	0.006	33.90	
3679.98	645332	High	top	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	0	11.67	0	1:1	0.006	33.89	
3679.98	645332	High	bottom	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.68	0	1:1	0.202	18.63	
3679.98	645332	High	bottom	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	0	11.67	0	1:1	0.164	19.52	
3570.00	638000	Low	right	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.55	0	1:1	0.488	14.67	
3624.99	641666	Mid	right	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.55	0	1:1	0.540	14.23	
3679.98	645332	High	right	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.68	0	1:1	0.679	13.36	
3570.00	638000	Low	right	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	28	11.22	0	1:1	0.502	14.21	
3624.99	641666	Mid	right	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	0	11.30	0	1:1	0.713	12.77	
3679.98	645332	High	right	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	0	11.67	0	1:1	0.659	13.48	
3679.98	645332	High	right	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	100	0	11.56	0	1:1	0.706	13.07	
3679.98	645332	High	left	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	1	104	11.68	0	1:1	0.000	51.68	
3679.98	645332	High	left	0 mm	NR Band n48	Ant 2a	40	DFT-S-OFDM	QPSK	50	0	11.67	0	1:1	0.000	51.67	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT											Body						
Spatial Peak											1.6 W/kg (mW/g)						
Uncontrolled Exposure/General Population											averaged over 1 gram						

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**Table A-3**  
**DSI = 1 Plimit Calculations - NR Band n48 Ant 3**

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	1	1	12.27	0	1:1	0.686	12.94	12.26
3624.99	641666	Mid	back	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	1	1	11.99	0	1:1	0.729	12.39	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	1	1	11.95	0	1:1	0.745	12.26	
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	50	56	11.86	0	1:1	0.674	12.60	
3624.99	641666	Mid	back	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	50	0	11.85	0	1:1	0.699	12.44	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	50	0	12.03	0	1:1	0.710	12.55	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	100	0	11.97	0	1:1	0.691	12.61	
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 3	40	CP-OFDM	QPSK	1	1	12.12	0	1:1	0.688	12.78	
3570.00	638000	Low	top	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	1	1	12.27	0	1:1	0.336	16.04	
3679.98	645332	High	top	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	50	0	12.03	0	1:1	0.250	17.08	
3570.00	638000	Low	bottom	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	1	1	12.27	0	1:1	0.002	38.29	
3679.98	645332	High	bottom	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	50	0	12.03	0	1:1	0.001	41.06	
3570.00	638000	Low	right	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	1	1	12.27	0	1:1	0.439	14.88	
3679.98	645332	High	right	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	50	0	12.03	0	1:1	0.486	14.19	
3570.00	638000	Low	left	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	1	1	12.27	0	1:1	0.006	33.52	
3679.98	645332	High	left	0 mm	NR Band n48	Ant 3	40	DFT-S-OFDM	QPSK	50	0	12.03	0	1:1	0.012	30.27	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population											Body 1.6 W/kg (mW/g) averaged over 1 gram						

**Table A-4**  
**DSI = 1 Plimit Calculations - NR Band n48 Ant 4b**

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	104	11.49	0	1:1	0.643	13.41	12.20
3624.99	641666	Mid	back	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	1	11.50	0	1:1	0.662	13.29	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	104	11.61	0	1:1	0.666	13.38	
3570.00	638000	Low	back	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.43	0	1:1	0.618	13.52	
3624.99	641666	Mid	back	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.36	0	1:1	0.648	13.24	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.55	0	1:1	0.712	13.03	
3679.98	645332	High	back	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	100	0	11.50	0	1:1	0.667	13.26	
3570.00	638000	Low	top	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	104	11.49	0	1:1	0.808	12.42	
3624.99	641666	Mid	top	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	1	11.50	0	1:1	0.811	12.41	
3679.98	645332	High	top	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	104	11.61	0	1:1	0.836	12.39	
3570.00	638000	Low	top	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.43	0	1:1	0.819	12.30	
3624.99	641666	Mid	top	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.36	0	1:1	0.770	12.50	
3679.98	645332	High	top	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.55	0	1:1	0.807	12.48	
3679.98	645332	High	top	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	100	0	11.50	0	1:1	0.817	12.38	
3679.98	645332	High	top	0 mm	NR Band n48	Ant 4b	40	CP-OFDM	QPSK	1	1	11.45	0	1:1	0.841	12.20	
3679.98	645332	High	bottom	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	104	11.61	0	1:1	0.002	38.60	
3679.98	645332	High	bottom	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.55	0	1:1	0.000	51.55	
3679.98	645332	High	right	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	104	11.61	0	1:1	0.000	51.61	
3679.98	645332	High	right	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.55	0	1:1	0.000	51.55	
3679.98	645332	High	left	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	1	104	11.61	0	1:1	0.036	26.05	
3679.98	645332	High	left	0 mm	NR Band n48	Ant 4b	40	DFT-S-OFDM	QPSK	50	0	11.55	0	1:1	0.040	25.53	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population											Body 1.6 W/kg (mW/g) averaged over 1 gram						

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