

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

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REV 1.1
04/08/2022

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

Table A-1
DSI = 1 Plimit Calculations - UMTS 850 MHz Ant 1

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
826.40	4132	UMTS 850	RMC	18.62	0 mm	Ant 1	1:1	back	0.697	19.22	19.22
836.60	4183	UMTS 850	RMC	18.59	0 mm	Ant 1	1:1	back	0.649	19.50	
846.60	4233	UMTS 850	RMC	18.55	0 mm	Ant 1	1:1	back	0.502	20.57	
826.40	4132	UMTS 850	RMC	18.62	0 mm	Ant 1	1:1	top	0.015	35.89	
826.40	4132	UMTS 850	RMC	18.62	0 mm	Ant 1	1:1	bottom	0.425	21.37	
826.40	4132	UMTS 850	RMC	18.62	0 mm	Ant 1	1:1	right	0.023	34.03	
826.40	4132	UMTS 850	RMC	18.62	0 mm	Ant 1	1:1	left	0.258	23.53	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body 1.6 W/kg (mW/g) averaged over 1 gram						

Table A-2
DSI = 1 Plimit Calculations - UMTS 850 MHz Ant 3

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
826.40	4132	UMTS 850	RMC	18.05	0 mm	Ant 3	1:1	back	0.680	18.76	18.76
836.60	4183	UMTS 850	RMC	18.06	0 mm	Ant 3	1:1	back	0.633	19.08	
846.60	4233	UMTS 850	RMC	18.02	0 mm	Ant 3	1:1	back	0.601	19.26	
826.40	4132	UMTS 850	RMC	18.05	0 mm	Ant 3	1:1	top	0.636	19.05	
836.60	4183	UMTS 850	RMC	18.06	0 mm	Ant 3	1:1	top	0.622	19.15	
846.60	4233	UMTS 850	RMC	18.02	0 mm	Ant 3	1:1	top	0.609	19.20	
836.60	4183	UMTS 850	RMC	18.06	0 mm	Ant 3	1:1	bottom	0.017	34.79	
836.60	4183	UMTS 850	RMC	18.06	0 mm	Ant 3	1:1	right	0.282	22.59	
836.60	4183	UMTS 850	RMC	18.06	0 mm	Ant 3	1:1	left	0.025	33.11	
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 - UMTS 1750 MHz Ant 1

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
1732.40	1412	UMTS 1750	RMC	14.75	0 mm	Ant 1	1:1	back	0.561	16.29	15.34
1732.40	1412	UMTS 1750	RMC	14.75	0 mm	Ant 1	1:1	top	0.028	29.31	
1732.40	1412	UMTS 1750	RMC	14.75	0 mm	Ant 1	1:1	bottom	0.175	21.35	
1732.40	1412	UMTS 1750	RMC	14.75	0 mm	Ant 1	1:1	right	0.002	40.77	
1712.40	1312	UMTS 1750	RMC	14.65	0 mm	Ant 1	1:1	left	0.682	15.34	
1732.40	1412	UMTS 1750	RMC	14.75	0 mm	Ant 1	1:1	left	0.643	15.70	
1752.60	1513	UMTS 1750	RMC	14.72	0 mm	Ant 1	1:1	left	0.622	15.81	
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-4
DSI = 1 P_{limit} Calculations - UMTS 1750 MHz Ant 2b

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
1732.40	1412	UMTS 1750	RMC	13.84	0 mm	Ant 2b	1:1	back	0.372	17.17	14.66
1732.40	1412	UMTS 1750	RMC	13.84	0 mm	Ant 2b	1:1	top	0.001	42.87	
1712.40	1312	UMTS 1750	RMC	13.80	0 mm	Ant 2b	1:1	bottom	0.638	14.78	
1732.40	1412	UMTS 1750	RMC	13.84	0 mm	Ant 2b	1:1	bottom	0.647	14.76	
1752.60	1513	UMTS 1750	RMC	13.74	0 mm	Ant 2b	1:1	bottom	0.648	14.66	
1732.40	1412	UMTS 1750	RMC	13.84	0 mm	Ant 2b	1:1	right	0.026	28.72	
1732.40	1412	UMTS 1750	RMC	13.84	0 mm	Ant 2b	1:1	left	0.001	42.87	
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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Table A-5

DSI = 1 P_{limit} Calculations - UMTS 1750 MHz Ant 3

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
1712.40	1312	UMTS 1750	RMC	14.48	0 mm	Ant 3	1:1	back	0.324	18.41	15.67
1712.40	1312	UMTS 1750	RMC	14.48	0 mm	Ant 3	1:1	top	0.147	21.84	
1712.40	1312	UMTS 1750	RMC	14.48	0 mm	Ant 3	1:1	bottom	0.028	29.04	
1712.40	1312	UMTS 1750	RMC	14.48	0 mm	Ant 3	1:1	right	0.557	16.05	
1732.40	1412	UMTS 1750	RMC	14.29	0 mm	Ant 3	1:1	right	0.582	15.67	
1752.60	1513	UMTS 1750	RMC	14.32	0 mm	Ant 3	1:1	right	0.568	15.81	
1712.40	1312	UMTS 1750	RMC	14.48	0 mm	Ant 3	1:1	left	0.000	43.51	
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-6

DSI = 1 P_{limit} Calculations - UMTS 1750 MHz Ant 4b

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
1712.40	1312	UMTS 1750	RMC	12.39	0 mm	Ant 4b	1:1	back	0.555	13.98	13.98
1732.40	1412	UMTS 1750	RMC	12.44	0 mm	Ant 4b	1:1	back	0.542	14.13	
1752.60	1513	UMTS 1750	RMC	12.28	0 mm	Ant 4b	1:1	back	0.537	14.01	
1732.40	1412	UMTS 1750	RMC	12.44	0 mm	Ant 4b	1:1	top	0.509	14.40	
1732.40	1412	UMTS 1750	RMC	12.44	0 mm	Ant 4b	1:1	bottom	0.006	33.69	
1732.40	1412	UMTS 1750	RMC	12.44	0 mm	Ant 4b	1:1	right	0.002	38.46	
1732.40	1412	UMTS 1750	RMC	12.44	0 mm	Ant 4b	1:1	left	0.034	26.16	
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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Table A-7

DSI = 1 P_{limit} Calculations - UMTS 1900 MHz Ant 1

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
1852.40	9262	UMTS 1900	RMC	14.40	0 mm	Ant 1	1:1	back	0.681	15.10	14.94
1880.00	9400	UMTS 1900	RMC	14.51	0 mm	Ant 1	1:1	back	0.651	15.41	
1907.60	9538	UMTS 1900	RMC	14.45	0 mm	Ant 1	1:1	back	0.641	15.41	
1880.00	9400	UMTS 1900	RMC	14.51	0 mm	Ant 1	1:1	top	0.011	33.13	
1880.00	9400	UMTS 1900	RMC	14.51	0 mm	Ant 1	1:1	bottom	0.249	19.58	
1880.00	9400	UMTS 1900	RMC	14.51	0 mm	Ant 1	1:1	right	0.053	26.30	
1852.40	9262	UMTS 1900	RMC	14.40	0 mm	Ant 1	1:1	left	0.706	14.94	
1880.00	9400	UMTS 1900	RMC	14.51	0 mm	Ant 1	1:1	left	0.692	15.14	
1907.60	9538	UMTS 1900	RMC	14.45	0 mm	Ant 1	1:1	left	0.691	15.09	
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-8

DSI = 1 P_{limit} Calculations - UMTS 1900 MHz Ant 2b

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
1880.00	9400	UMTS 1900	RMC	13.29	0 mm	Ant 2b	1:1	back	0.562	14.82	13.76
1880.00	9400	UMTS 1900	RMC	13.29	0 mm	Ant 2b	1:1	top	0.006	34.54	
1852.40	9262	UMTS 1900	RMC	13.15	0 mm	Ant 2b	1:1	bottom	0.687	13.81	
1880.00	9400	UMTS 1900	RMC	13.29	0 mm	Ant 2b	1:1	bottom	0.718	13.76	
1907.60	9538	UMTS 1900	RMC	13.27	0 mm	Ant 2b	1:1	bottom	0.678	13.99	
1880.00	9400	UMTS 1900	RMC	13.29	0 mm	Ant 2b	1:1	right	0.030	27.55	
1880.00	9400	UMTS 1900	RMC	13.29	0 mm	Ant 2b	1:1	left	0.005	35.33	
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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Table A-9
DSI = 1 P_{limit} Calculations - UMTS 1900 MHz Ant 3

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
1852.40	9262	UMTS 1900	RMC	15.91	0 mm	Ant 3	1:1	back	0.722	16.36	16.36
1880.00	9400	UMTS 1900	RMC	16.04	0 mm	Ant 3	1:1	back	0.702	16.61	
1907.60	9538	UMTS 1900	RMC	15.86	0 mm	Ant 3	1:1	back	0.658	16.71	
1880.00	9400	UMTS 1900	RMC	16.04	0 mm	Ant 3	1:1	top	0.455	18.49	
1880.00	9400	UMTS 1900	RMC	16.04	0 mm	Ant 3	1:1	bottom	0.026	30.92	
1852.40	9262	UMTS 1900	RMC	15.91	0 mm	Ant 3	1:1	right	0.721	16.36	
1880.00	9400	UMTS 1900	RMC	16.04	0 mm	Ant 3	1:1	right	0.722	16.49	
1907.60	9538	UMTS 1900	RMC	15.86	0 mm	Ant 3	1:1	right	0.705	16.41	
1880.00	9400	UMTS 1900	RMC	16.04	0 mm	Ant 3	1:1	left	0.000	45.07	
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-10

DSI = 1 P_{limit} Calculations - UMTS 1900 MHz Ant 4b

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
1852.40	9262	UMTS 1900	RMC	12.18	0 mm	Ant 4b	1:1	back	0.624	13.26	12.67
1880.00	9400	UMTS 1900	RMC	12.26	0 mm	Ant 4b	1:1	back	0.668	13.04	
1907.60	9538	UMTS 1900	RMC	12.15	0 mm	Ant 4b	1:1	back	0.710	12.67	
1852.40	9262	UMTS 1900	RMC	12.18	0 mm	Ant 4b	1:1	top	0.658	13.03	
1880.00	9400	UMTS 1900	RMC	12.26	0 mm	Ant 4b	1:1	top	0.681	12.96	
1907.60	9538	UMTS 1900	RMC	12.15	0 mm	Ant 4b	1:1	top	0.707	12.69	
1880.00	9400	UMTS 1900	RMC	12.26	0 mm	Ant 4b	1:1	bottom	0.000	41.29	
1880.00	9400	UMTS 1900	RMC	12.26	0 mm	Ant 4b	1:1	right	0.007	32.84	
1880.00	9400	UMTS 1900	RMC	12.26	0 mm	Ant 4b	1:1	left	0.049	24.39	
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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Table A-11

DSI = 1 P_{limit} Calculations - LTE Band 71 Ant 1

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
680.50	133297	Mid	LTE Band 71	20	19.91	0	Ant 1	QPSK	1	50	0 mm	back	1:1	0.624	20.99	20.47
680.50	133297	Mid	LTE Band 71	20	19.83	0	Ant 1	QPSK	50	25	0 mm	back	1:1	0.618	20.95	
680.50	133297	Mid	LTE Band 71	20	19.82	0	Ant 1	QPSK	100	0	0 mm	back	1:1	0.689	20.47	
680.50	133297	Mid	LTE Band 71	20	19.91	0	Ant 1	QPSK	1	50	0 mm	top	1:1	0.025	34.96	
680.50	133297	Mid	LTE Band 71	20	19.83	0	Ant 1	QPSK	50	25	0 mm	top	1:1	0.024	35.06	
680.50	133297	Mid	LTE Band 71	20	19.91	0	Ant 1	QPSK	1	50	0 mm	bottom	1:1	0.459	22.32	
680.50	133297	Mid	LTE Band 71	20	19.83	0	Ant 1	QPSK	50	25	0 mm	bottom	1:1	0.469	22.15	
680.50	133297	Mid	LTE Band 71	20	19.91	0	Ant 1	QPSK	1	50	0 mm	right	1:1	0.048	32.13	
680.50	133297	Mid	LTE Band 71	20	19.83	0	Ant 1	QPSK	50	25	0 mm	right	1:1	0.050	31.87	
680.50	133297	Mid	LTE Band 71	20	19.91	0	Ant 1	QPSK	1	50	0 mm	left	1:1	0.438	22.53	
680.50	133297	Mid	LTE Band 71	20	19.83	0	Ant 1	QPSK	50	25	0 mm	left	1:1	0.443	22.40	
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-12

DSI = 1 P_{limit} Calculations - LTE Band 71 Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	
680.50	133297	Mid	LTE Band 71	20	20.83	0	Ant 3	QPSK	1	99	0 mm	back	1:1	0.685	21.50	20.54
680.50	133297	Mid	LTE Band 71	20	20.80	0	Ant 3	QPSK	50	50	0 mm	back	1:1	0.702	21.37	
680.50	133297	Mid	LTE Band 71	20	20.79	0	Ant 3	QPSK	100	0	0 mm	back	1:1	0.731	21.18	
680.50	133297	Mid	LTE Band 71	20	20.83	0	Ant 3	QPSK	1	99	0 mm	top	1:1	0.832	20.66	
680.50	133297	Mid	LTE Band 71	20	20.80	0	Ant 3	QPSK	50	50	0 mm	top	1:1	0.832	20.63	
680.50	133297	Mid	LTE Band 71	20	20.79	0	Ant 3	QPSK	100	0	0 mm	top	1:1	0.847	20.54	
680.50	133297	Mid	LTE Band 71	20	20.83	0	Ant 3	QPSK	1	99	0 mm	bottom	1:1	0.024	36.06	
680.50	133297	Mid	LTE Band 71	20	20.80	0	Ant 3	QPSK	50	50	0 mm	bottom	1:1	0.023	36.21	
680.50	133297	Mid	LTE Band 71	20	20.83	0	Ant 3	QPSK	1	99	0 mm	right	1:1	0.262	25.68	
680.50	133297	Mid	LTE Band 71	20	20.80	0	Ant 3	QPSK	50	50	0 mm	right	1:1	0.271	25.50	
680.50	133297	Mid	LTE Band 71	20	20.83	0	Ant 3	QPSK	1	99	0 mm	left	1:1	0.035	34.42	
680.50	133297	Mid	LTE Band 71	20	20.80	0	Ant 3	QPSK	50	50	0 mm	left	1:1	0.041	33.70	
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-13
DSI = 1 P_{limit} Calculations - LTE Band 12 Ant 1

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
707.50	23095	Mid	LTE Band 12	10	19.26	0	Ant 1	QPSK	1	0	0 mm	back	1:1	0.670	20.03	19.73
707.50	23095	Mid	LTE Band 12	10	19.20	0	Ant 1	QPSK	25	12	0 mm	back	1:1	0.659	20.04	
707.50	23095	Mid	LTE Band 12	10	19.16	0	Ant 1	QPSK	50	0	0 mm	back	1:1	0.702	19.73	
707.50	23095	Mid	LTE Band 12	10	19.26	0	Ant 1	QPSK	1	0	0 mm	top	1:1	0.022	34.87	
707.50	23095	Mid	LTE Band 12	10	19.20	0	Ant 1	QPSK	25	12	0 mm	top	1:1	0.024	34.43	
707.50	23095	Mid	LTE Band 12	10	19.26	0	Ant 1	QPSK	1	0	0 mm	bottom	1:1	0.481	21.47	
707.50	23095	Mid	LTE Band 12	10	19.20	0	Ant 1	QPSK	25	12	0 mm	bottom	1:1	0.482	21.40	
707.50	23095	Mid	LTE Band 12	10	19.26	0	Ant 1	QPSK	1	0	0 mm	right	1:1	0.032	33.24	
707.50	23095	Mid	LTE Band 12	10	19.20	0	Ant 1	QPSK	25	12	0 mm	right	1:1	0.028	33.76	
707.50	23095	Mid	LTE Band 12	10	19.26	0	Ant 1	QPSK	1	0	0 mm	left	1:1	0.325	23.17	
707.50	23095	Mid	LTE Band 12	10	19.20	0	Ant 1	QPSK	25	12	0 mm	left	1:1	0.348	22.82	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak					Body 1.6 W/kg (mW/g)											
Uncontrolled Exposure/General Population					averaged over 1 gram											

Table A-14
DSI = 1 P_{limit} Calculations - LTE Band 12 Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
Mhz	Ch.													(W/kg)	[dBm]	[dBm]
707.50	23095	Mid	LTE Band 12	10	18.35	0	Ant 3	QPSK	1	49	0 mm	back	1:1	0.559	19.91	19.27
707.50	23095	Mid	LTE Band 12	10	18.39	0	Ant 3	QPSK	25	12	0 mm	back	1:1	0.556	19.97	
707.50	23095	Mid	LTE Band 12	10	18.35	0	Ant 3	QPSK	1	49	0 mm	top	1:1	0.592	19.66	
707.50	23095	Mid	LTE Band 12	10	18.39	0	Ant 3	QPSK	25	12	0 mm	top	1:1	0.647	19.31	
707.50	23095	Mid	LTE Band 12	10	18.32	0	Ant 3	QPSK	50	0	0 mm	top	1:1	0.643	19.27	
707.50	23095	Mid	LTE Band 12	10	18.35	0	Ant 3	QPSK	1	49	0 mm	bottom	1:1	0.021	34.16	
707.50	23095	Mid	LTE Band 12	10	18.39	0	Ant 3	QPSK	25	12	0 mm	bottom	1:1	0.018	34.87	
707.50	23095	Mid	LTE Band 12	10	18.35	0	Ant 3	QPSK	1	49	0 mm	right	1:1	0.217	24.02	
707.50	23095	Mid	LTE Band 12	10	18.39	0	Ant 3	QPSK	25	12	0 mm	right	1:1	0.256	23.34	
707.50	23095	Mid	LTE Band 12	10	18.35	0	Ant 3	QPSK	1	49	0 mm	left	1:1	0.028	32.91	
707.50	23095	Mid	LTE Band 12	10	18.39	0	Ant 3	QPSK	25	12	0 mm	left	1:1	0.021	34.20	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

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Table A-15
DSI = 1 P_{limit} Calculations - LTE Band 13 Ant 1

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
782.00	23230	Mid	LTE Band 13	10	19.73	0	Ant 1	QPSK	1	49	0 mm	back	1:1	0.626	20.80	20.50
782.00	23230	Mid	LTE Band 13	10	19.77	0	Ant 1	QPSK	25	12	0 mm	back	1:1	0.624	20.85	
782.00	23230	Mid	LTE Band 13	10	19.70	0	Ant 1	QPSK	50	0	0 mm	back	1:1	0.665	20.50	
782.00	23230	Mid	LTE Band 13	10	19.73	0	Ant 1	QPSK	1	49	0 mm	top	1:1	0.033	33.58	
782.00	23230	Mid	LTE Band 13	10	19.77	0	Ant 1	QPSK	25	12	0 mm	top	1:1	0.029	34.18	
782.00	23230	Mid	LTE Band 13	10	19.73	0	Ant 1	QPSK	1	49	0 mm	bottom	1:1	0.496	21.81	
782.00	23230	Mid	LTE Band 13	10	19.77	0	Ant 1	QPSK	25	12	0 mm	bottom	1:1	0.509	21.73	
782.00	23230	Mid	LTE Band 13	10	19.73	0	Ant 1	QPSK	1	49	0 mm	right	1:1	0.039	32.85	
782.00	23230	Mid	LTE Band 13	10	19.77	0	Ant 1	QPSK	25	12	0 mm	right	1:1	0.033	33.62	
782.00	23230	Mid	LTE Band 13	10	19.73	0	Ant 1	QPSK	1	49	0 mm	left	1:1	0.458	22.15	
782.00	23230	Mid	LTE Band 13	10	19.77	0	Ant 1	QPSK	25	12	0 mm	left	1:1	0.435	22.42	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak					Body 1.6 W/kg (mW/g) averaged over 1 gram											
Uncontrolled Exposure/General Population																

Table A-16
DSI = 1 P_{limit} Calculations - LTE Band 13 Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
Mhz	Ch.													(W/kg)	[dBm]	[dBm]
782.00	23230	Mid	LTE Band 13	10	19.39	0	Ant 3	QPSK	1	0	0 mm	back	1:1	0.510	21.35	20.05
782.00	23230	Mid	LTE Band 13	10	19.40	0	Ant 3	QPSK	25	25	0 mm	back	1:1	0.485	21.57	
782.00	23230	Mid	LTE Band 13	10	19.39	0	Ant 3	QPSK	1	0	0 mm	top	1:1	0.688	20.05	
782.00	23230	Mid	LTE Band 13	10	19.40	0	Ant 3	QPSK	25	25	0 mm	top	1:1	0.618	20.52	
782.00	23230	Mid	LTE Band 13	10	19.34	0	Ant 3	QPSK	50	0	0 mm	top	1:1	0.641	20.30	
782.00	23230	Mid	LTE Band 13	10	19.39	0	Ant 3	QPSK	1	0	0 mm	bottom	1:1	0.014	36.96	
782.00	23230	Mid	LTE Band 13	10	19.40	0	Ant 3	QPSK	25	25	0 mm	bottom	1:1	0.018	35.88	
782.00	23230	Mid	LTE Band 13	10	19.39	0	Ant 3	QPSK	1	0	0 mm	right	1:1	0.236	24.69	
782.00	23230	Mid	LTE Band 13	10	19.40	0	Ant 3	QPSK	25	25	0 mm	right	1:1	0.217	25.07	
782.00	23230	Mid	LTE Band 13	10	19.39	0	Ant 3	QPSK	1	0	0 mm	left	1:1	0.032	33.37	
782.00	23230	Mid	LTE Band 13	10	19.40	0	Ant 3	QPSK	25	25	0 mm	left	1:1	0.028	33.96	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

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Table A-17
DSI = 1 P_{limit} Calculations - LTE Band 14 Ant 1

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
793.00	23330	Mid	LTE Band 14	10	19.73	0	Ant 1	QPSK	1	0	0 mm	back	1:1	0.629	20.77	20.77
793.00	23330	Mid	LTE Band 14	10	19.76	0	Ant 1	QPSK	25	12	0 mm	back	1:1	0.589	21.09	
793.00	23330	Mid	LTE Band 14	10	19.60	0	Ant 1	QPSK	50	0	0 mm	back	1:1	0.610	20.78	
793.00	23330	Mid	LTE Band 14	10	19.73	0	Ant 1	QPSK	1	0	0 mm	top	1:1	0.031	33.85	
793.00	23330	Mid	LTE Band 14	10	19.76	0	Ant 1	QPSK	25	12	0 mm	top	1:1	0.030	34.02	
793.00	23330	Mid	LTE Band 14	10	19.73	0	Ant 1	QPSK	1	0	0 mm	bottom	1:1	0.525	21.56	
793.00	23330	Mid	LTE Band 14	10	19.76	0	Ant 1	QPSK	25	12	0 mm	bottom	1:1	0.526	21.58	
793.00	23330	Mid	LTE Band 14	10	19.73	0	Ant 1	QPSK	1	0	0 mm	right	1:1	0.047	32.04	
793.00	23330	Mid	LTE Band 14	10	19.76	0	Ant 1	QPSK	25	12	0 mm	right	1:1	0.042	32.56	
793.00	23330	Mid	LTE Band 14	10	19.73	0	Ant 1	QPSK	1	0	0 mm	left	1:1	0.494	21.82	
793.00	23330	Mid	LTE Band 14	10	19.76	0	Ant 1	QPSK	25	12	0 mm	left	1:1	0.453	22.23	
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-18
DSI = 1 P_{limit} Calculations - LTE Band 14 Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
793.00	23330	Mid	LTE Band 14	10	19.33	0	Ant 3	QPSK	1	0	0 mm	back	1:1	0.612	20.49	19.93
793.00	23330	Mid	LTE Band 14	10	19.38	0	Ant 3	QPSK	25	12	0 mm	back	1:1	0.590	20.70	
793.00	23330	Mid	LTE Band 14	10	19.33	0	Ant 3	QPSK	1	0	0 mm	top	1:1	0.697	19.93	
793.00	23330	Mid	LTE Band 14	10	19.38	0	Ant 3	QPSK	25	12	0 mm	top	1:1	0.668	20.16	
793.00	23330	Mid	LTE Band 14	10	19.31	0	Ant 3	QPSK	50	0	0 mm	top	1:1	0.655	20.18	
793.00	23330	Mid	LTE Band 14	10	19.33	0	Ant 3	QPSK	1	0	0 mm	bottom	1:1	0.020	35.35	
793.00	23330	Mid	LTE Band 14	10	19.38	0	Ant 3	QPSK	25	12	0 mm	bottom	1:1	0.017	36.11	
793.00	23330	Mid	LTE Band 14	10	19.33	0	Ant 3	QPSK	1	0	0 mm	right	1:1	0.226	24.82	
793.00	23330	Mid	LTE Band 14	10	19.38	0	Ant 3	QPSK	25	12	0 mm	right	1:1	0.205	25.29	
793.00	23330	Mid	LTE Band 14	10	19.33	0	Ant 3	QPSK	1	0	0 mm	left	1:1	0.027	34.05	
793.00	23330	Mid	LTE Band 14	10	19.38	0	Ant 3	QPSK	25	12	0 mm	left	1:1	0.029	33.79	
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-19
DSI = 1 P_{limit} Calculations - LTE Band 26 (Cell) Ant 1

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
819.00	26740	Low	LTE Band 26 (Cell)	10	18.65	0	Ant 1	QPSK	1	0	0 mm	back	1:1	0.652	19.54	19.49
831.50	26865	Mid	LTE Band 26 (Cell)	10	18.57	0	Ant 1	QPSK	1	0	0 mm	back	1:1	0.597	19.84	
844.00	26990	High	LTE Band 26 (Cell)	10	18.72	0	Ant 1	QPSK	1	0	0 mm	back	1:1	0.597	19.99	
844.00	26990	High	LTE Band 26 (Cell)	10	18.76	0	Ant 1	QPSK	25	25	0 mm	back	1:1	0.572	20.22	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.64	0	Ant 1	QPSK	50	0	0 mm	back	1:1	0.658	19.49	
844.00	26990	High	LTE Band 26 (Cell)	10	18.72	0	Ant 1	QPSK	1	0	0 mm	top	1:1	0.014	36.29	
844.00	26990	High	LTE Band 26 (Cell)	10	18.76	0	Ant 1	QPSK	25	25	0 mm	top	1:1	0.014	36.33	
844.00	26990	High	LTE Band 26 (Cell)	10	18.72	0	Ant 1	QPSK	1	0	0 mm	bottom	1:1	0.408	21.64	
844.00	26990	High	LTE Band 26 (Cell)	10	18.76	0	Ant 1	QPSK	25	25	0 mm	bottom	1:1	0.410	21.66	
844.00	26990	High	LTE Band 26 (Cell)	10	18.72	0	Ant 1	QPSK	1	0	0 mm	right	1:1	0.024	33.95	
844.00	26990	High	LTE Band 26 (Cell)	10	18.76	0	Ant 1	QPSK	25	25	0 mm	right	1:1	0.028	33.32	
844.00	26990	High	LTE Band 26 (Cell)	10	18.72	0	Ant 1	QPSK	1	0	0 mm	left	1:1	0.397	21.76	
844.00	26990	High	LTE Band 26 (Cell)	10	18.76	0	Ant 1	QPSK	25	25	0 mm	left	1:1	0.368	22.13	
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-20
DSI = 1 P_{limit} Calculations - LTE Band 26 (Cell) Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit [dBm]
MHz	Ch.													(W/kg)	[dBm]	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.20	0	Ant 3	QPSK	1	0	0 mm	back	1:1	0.496	20.28	18.95
819.00	26740	Low	LTE Band 26 (Cell)	10	18.24	0	Ant 3	QPSK	25	25	0 mm	back	1:1	0.492	20.35	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.20	0	Ant 3	QPSK	1	0	0 mm	top	1:1	0.643	19.15	
831.50	26865	Mid	LTE Band 26 (Cell)	10	18.17	0	Ant 3	QPSK	1	0	0 mm	top	1:1	0.639	19.15	
844.00	26990	High	LTE Band 26 (Cell)	10	18.10	0	Ant 3	QPSK	1	0	0 mm	top	1:1	0.604	19.32	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.24	0	Ant 3	QPSK	25	25	0 mm	top	1:1	0.648	19.16	
831.50	26865	Mid	LTE Band 26 (Cell)	10	18.23	0	Ant 3	QPSK	25	12	0 mm	top	1:1	0.633	19.25	
844.00	26990	High	LTE Band 26 (Cell)	10	18.19	0	Ant 3	QPSK	25	25	0 mm	top	1:1	0.599	19.45	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.18	0	Ant 3	QPSK	50	0	0 mm	top	1:1	0.670	18.95	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.20	0	Ant 3	QPSK	1	0	0 mm	bottom	1:1	0.013	36.09	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.24	0	Ant 3	QPSK	25	25	0 mm	bottom	1:1	0.011	36.86	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.20	0	Ant 3	QPSK	1	0	0 mm	right	1:1	0.235	23.52	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.24	0	Ant 3	QPSK	25	25	0 mm	right	1:1	0.231	23.63	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.20	0	Ant 3	QPSK	1	0	0 mm	left	1:1	0.016	35.19	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.24	0	Ant 3	QPSK	25	25	0 mm	left	1:1	0.018	34.72	
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-21
DSI = 1 P_{limit} Calculations - LTE Band 5 (Cell) Ant 1

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit [dBm]
MHz	Ch.	(W/kg)												[dBm]		
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.56	0	Ant 1	QPSK	1	49	0 mm	back	1:1	0.563	20.09	19.79
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.58	0	Ant 1	QPSK	25	25	0 mm	back	1:1	0.605	19.79	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.49	0	Ant 1	QPSK	50	0	0 mm	back	1:1	0.532	20.26	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.56	0	Ant 1	QPSK	1	49	0 mm	top	1:1	0.017	35.29	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.58	0	Ant 1	QPSK	25	25	0 mm	top	1:1	0.020	34.60	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.56	0	Ant 1	QPSK	1	49	0 mm	bottom	1:1	0.447	21.09	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.58	0	Ant 1	QPSK	25	25	0 mm	bottom	1:1	0.444	21.14	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.56	0	Ant 1	QPSK	1	49	0 mm	right	1:1	0.030	32.82	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.58	0	Ant 1	QPSK	25	25	0 mm	right	1:1	0.027	33.30	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.56	0	Ant 1	QPSK	1	49	0 mm	left	1:1	0.446	21.10	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.58	0	Ant 1	QPSK	25	25	0 mm	left	1:1	0.442	21.16	
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-22
DSI = 1 P_{limit} Calculations - LTE Band 5 (Cell) Ant 3

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit [dBm]	
MHz	Ch.												(W/kg)	[dBm]		
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.21	0	Ant 3	QPSK	1	49	0 mm	back	1:1	0.580	19.61	18.93
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.25	0	Ant 3	QPSK	25	12	0 mm	back	1:1	0.577	19.67	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.21	0	Ant 3	QPSK	1	49	0 mm	top	1:1	0.648	19.13	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.25	0	Ant 3	QPSK	25	12	0 mm	top	1:1	0.669	19.03	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.18	0	Ant 3	QPSK	50	0	0 mm	top	1:1	0.673	18.93	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.21	0	Ant 3	QPSK	1	49	0 mm	bottom	1:1	0.014	35.78	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.25	0	Ant 3	QPSK	25	12	0 mm	bottom	1:1	0.016	35.24	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.21	0	Ant 3	QPSK	1	49	0 mm	right	1:1	0.288	22.65	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.25	0	Ant 3	QPSK	25	12	0 mm	right	1:1	0.285	22.73	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.21	0	Ant 3	QPSK	1	49	0 mm	left	1:1	0.032	32.19	
836.50	20525	Mid	LTE Band 5 (Cell)	10	18.25	0	Ant 3	QPSK	25	12	0 mm	left	1:1	0.031	32.37	
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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Table A-23
DSI = 1 P_{limit} Calculations - LTE Band 66 (AWS) Ant 1

MEASUREMENT RESULTS																
FREQUENCY		Mode		Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.83	0	Ant 1	QPSK	1	50	0 mm	back	1:1	0.593	16.13	15.78
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.74	0	Ant 1	QPSK	50	25	0 mm	back	1:1	0.582	16.12	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.83	0	Ant 1	QPSK	1	50	0 mm	top	1:1	0.017	31.56	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.74	0	Ant 1	QPSK	50	25	0 mm	top	1:1	0.019	30.98	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.83	0	Ant 1	QPSK	1	50	0 mm	bottom	1:1	0.142	22.34	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.74	0	Ant 1	QPSK	50	25	0 mm	bottom	1:1	0.142	22.25	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.83	0	Ant 1	QPSK	1	50	0 mm	right	1:1	0.000	43.86	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.74	0	Ant 1	QPSK	50	25	0 mm	right	1:1	0.000	43.77	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.83	0	Ant 1	QPSK	1	50	0 mm	left	1:1	0.605	16.04	
1720.00	132072	Low	LTE Band 66 (AWS)	20	14.73	0	Ant 1	QPSK	50	25	0 mm	left	1:1	0.627	15.79	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.74	0	Ant 1	QPSK	50	25	0 mm	left	1:1	0.601	15.98	
1770.00	132572	High	LTE Band 66 (AWS)	20	14.50	0	Ant 1	QPSK	50	25	0 mm	left	1:1	0.596	15.78	
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-24
DSI = 1 P_{limit} Calculations - LTE Band 66 (AWS) Ant 2b

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.48	0	Ant 2b	QPSK	1	50	0 mm	back	1:1	0.357	17.98	14.73
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.41	0	Ant 2b	QPSK	50	25	0 mm	back	1:1	0.354	17.95	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.48	0	Ant 2b	QPSK	1	50	0 mm	top	1:1	0.000	43.51	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.41	0	Ant 2b	QPSK	50	25	0 mm	top	1:1	0.000	43.44	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.48	0	Ant 2b	QPSK	1	50	0 mm	bottom	1:1	0.695	15.09	
1720.00	132072	Low	LTE Band 66 (AWS)	20	14.31	0	Ant 2b	QPSK	50	0	0 mm	bottom	1:1	0.676	15.04	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.41	0	Ant 2b	QPSK	50	25	0 mm	bottom	1:1	0.743	14.73	
1770.00	132572	High	LTE Band 66 (AWS)	20	14.29	0	Ant 2b	QPSK	50	0	0 mm	bottom	1:1	0.694	14.91	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.34	0	Ant 2b	QPSK	100	0	0 mm	bottom	1:1	0.691	14.98	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.48	0	Ant 2b	QPSK	1	50	0 mm	right	1:1	0.054	26.19	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.41	0	Ant 2b	QPSK	50	25	0 mm	right	1:1	0.053	26.20	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.48	0	Ant 2b	QPSK	1	50	0 mm	left	1:1	0.001	43.51	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.41	0	Ant 2b	QPSK	50	25	0 mm	left	1:1	0.001	43.44	
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-25
DSI = 1 P_{limit} Calculations - LTE Band 66 (AWS) Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR [lg]	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.60	0	Ant 3	QPSK	1	50	0 mm	back	1:1	0.338	18.34	16.00
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.39	0	Ant 3	QPSK	50	25	0 mm	back	1:1	0.334	18.18	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.60	0	Ant 3	QPSK	1	50	0 mm	top	1:1	0.166	21.43	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.39	0	Ant 3	QPSK	50	25	0 mm	top	1:1	0.142	21.90	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.60	0	Ant 3	QPSK	1	50	0 mm	bottom	1:1	0.022	30.21	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.39	0	Ant 3	QPSK	50	25	0 mm	bottom	1:1	0.020	30.41	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.60	0	Ant 3	QPSK	1	50	0 mm	right	1:1	0.555	16.19	
1720.00	132072	Low	LTE Band 66 (AWS)	20	14.35	0	Ant 3	QPSK	50	0	0 mm	right	1:1	0.491	16.47	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.39	0	Ant 3	QPSK	50	25	0 mm	right	1:1	0.552	16.00	
1770.00	132572	High	LTE Band 66 (AWS)	20	14.38	0	Ant 3	QPSK	50	50	0 mm	right	1:1	0.469	16.70	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.35	0	Ant 3	QPSK	100	0	0 mm	right	1:1	0.469	16.67	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.60	0	Ant 3	QPSK	1	50	0 mm	left	1:1	0.000	43.63	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.39	0	Ant 3	QPSK	50	25	0 mm	left	1:1	0.000	43.42	
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-26
DSI = 1 P_{limit} Calculations - LTE Band 66 (AWS) Ant 4b

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.67	0	Ant 4b	QPSK	1	50	0 mm	back	1:1	0.569	14.15	13.78
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.68	0	Ant 4b	QPSK	50	25	0 mm	back	1:1	0.562	14.21	
1720.00	132072	Low	LTE Band 66 (AWS)	20	12.49	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.579	13.89	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.67	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.592	13.98	
1770.00	132572	High	LTE Band 66 (AWS)	20	12.65	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.617	13.78	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.68	0	Ant 4b	QPSK	50	25	0 mm	top	1:1	0.588	14.02	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.67	0	Ant 4b	QPSK	1	50	0 mm	bottom	1:1	0.002	38.69	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.68	0	Ant 4b	QPSK	50	25	0 mm	bottom	1:1	0.001	41.71	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.67	0	Ant 4b	QPSK	1	50	0 mm	right	1:1	0.000	41.70	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.68	0	Ant 4b	QPSK	50	25	0 mm	right	1:1	0.000	41.71	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.67	0	Ant 4b	QPSK	1	50	0 mm	left	1:1	0.051	24.63	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.68	0	Ant 4b	QPSK	50	25	0 mm	left	1:1	0.049	24.81	
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-27
DSI = 1 P_{limit} Calculations - LTE Band 25 (PCS) Ant 1

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg) (W/kg)	Plimit [dBm]	Minimum Plimit [dBm]
MHz	Ch.															
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.33	0	Ant 1	QPSK	1	50	0 mm	back	1:1	0.643	15.28	14.96
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.42	0	Ant 1	QPSK	1	50	0 mm	back	1:1	0.624	15.50	
1905.00	26590	High	LTE Band 25 (PCS)	20	14.22	0	Ant 1	QPSK	1	50	0 mm	back	1:1	0.606	15.43	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.42	0	Ant 1	QPSK	50	25	0 mm	back	1:1	0.614	15.57	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.46	0	Ant 1	QPSK	50	25	0 mm	back	1:1	0.641	15.42	
1905.00	26590	High	LTE Band 25 (PCS)	20	14.45	0	Ant 1	QPSK	50	25	0 mm	back	1:1	0.579	15.85	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.41	0	Ant 1	QPSK	100	0	0 mm	back	1:1	0.601	15.65	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.42	0	Ant 1	QPSK	1	50	0 mm	top	1:1	0.019	30.66	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.46	0	Ant 1	QPSK	50	25	0 mm	top	1:1	0.019	30.70	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.42	0	Ant 1	QPSK	1	50	0 mm	bottom	1:1	0.253	19.42	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.46	0	Ant 1	QPSK	50	25	0 mm	bottom	1:1	0.254	19.44	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.42	0	Ant 1	QPSK	1	50	0 mm	right	1:1	0.000	43.45	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.46	0	Ant 1	QPSK	50	25	0 mm	right	1:1	0.000	43.49	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.33	0	Ant 1	QPSK	1	50	0 mm	left	1:1	0.684	15.01	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.42	0	Ant 1	QPSK	1	50	0 mm	left	1:1	0.689	15.07	
1905.00	26590	High	LTE Band 25 (PCS)	20	14.22	0	Ant 1	QPSK	1	50	0 mm	left	1:1	0.675	14.96	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.42	0	Ant 1	QPSK	50	25	0 mm	left	1:1	0.677	15.14	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.46	0	Ant 1	QPSK	50	25	0 mm	left	1:1	0.685	15.13	
1905.00	26590	High	LTE Band 25 (PCS)	20	14.45	0	Ant 1	QPSK	50	25	0 mm	left	1:1	0.671	15.21	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	14.41	0	Ant 1	QPSK	100	0	0 mm	left	1:1	0.669	15.19	
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-28
DSI = 1 P_{limit} Calculations - LTE Band 25 (PCS) Ant 2b

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg) (W/kg)	Plimit [dBm]	Minimum Plimit [dBm]
MHz	Ch.															
1905.00	26590	High	LTE Band 25 (PCS)	20	13.43	0	Ant 2b	QPSK	1	0	0 mm	back	1:1	0.533	15.19	14.05
1905.00	26590	High	LTE Band 25 (PCS)	20	13.36	0	Ant 2b	QPSK	50	50	0 mm	back	1:1	0.525	15.19	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.43	0	Ant 2b	QPSK	1	0	0 mm	top	1:1	0.000	42.46	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.36	0	Ant 2b	QPSK	50	50	0 mm	top	1:1	0.001	42.39	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.43	0	Ant 2b	QPSK	1	0	0 mm	bottom	1:1	0.655	14.30	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.31	0	Ant 2b	QPSK	50	50	0 mm	bottom	1:1	0.675	14.05	
1862.50	26365	Mid	LTE Band 25 (PCS)	20	13.34	0	Ant 2b	QPSK	50	50	0 mm	bottom	1:1	0.676	14.07	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.36	0	Ant 2b	QPSK	50	50	0 mm	bottom	1:1	0.662	14.18	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.33	0	Ant 2b	QPSK	100	0	0 mm	bottom	1:1	0.668	14.11	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.43	0	Ant 2b	QPSK	1	0	0 mm	right	1:1	0.031	27.55	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.36	0	Ant 2b	QPSK	50	50	0 mm	right	1:1	0.034	27.08	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.43	0	Ant 2b	QPSK	1	0	0 mm	left	1:1	0.000	42.46	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.36	0	Ant 2b	QPSK	50	50	0 mm	left	1:1	0.000	42.39	
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-29
DSI = 1 P_{limit} Calculations - LTE Band 25 (PCS) Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1860.00	26140	Low	LTE Band 25 (PCS)	20	15.50	0	Ant 3	QPSK	1	50	0 mm	back	1:1	0.652	16.39	16.39
1882.50	26365	Mid	LTE Band 25 (PCS)	20	15.94	0	Ant 3	QPSK	1	50	0 mm	back	1:1	0.626	17.01	
1905.00	26590	High	LTE Band 25 (PCS)	20	15.90	0	Ant 3	QPSK	1	50	0 mm	back	1:1	0.605	17.11	
1860.00	26140	Low	LTE Band 25 (PCS)	20	16.00	0	Ant 3	QPSK	50	25	0 mm	back	1:1	0.662	16.82	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	15.97	0	Ant 3	QPSK	50	25	0 mm	back	1:1	0.640	16.94	
1905.00	26590	High	LTE Band 25 (PCS)	20	15.96	0	Ant 3	QPSK	50	25	0 mm	back	1:1	0.600	17.21	
1905.00	26590	High	LTE Band 25 (PCS)	20	15.93	0	Ant 3	QPSK	100	0	0 mm	back	1:1	0.602	17.16	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	15.94	0	Ant 3	QPSK	1	50	0 mm	top	1:1	0.428	18.66	
1860.00	26140	Low	LTE Band 25 (PCS)	20	16.00	0	Ant 3	QPSK	50	25	0 mm	top	1:1	0.436	18.64	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	15.94	0	Ant 3	QPSK	1	50	0 mm	bottom	1:1	0.015	33.21	
1860.00	26140	Low	LTE Band 25 (PCS)	20	16.00	0	Ant 3	QPSK	50	25	0 mm	bottom	1:1	0.014	33.57	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	15.94	0	Ant 3	QPSK	1	50	0 mm	right	1:1	0.057	27.41	
1860.00	26140	Low	LTE Band 25 (PCS)	20	16.00	0	Ant 3	QPSK	50	25	0 mm	right	1:1	0.052	27.87	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	15.94	0	Ant 3	QPSK	1	50	0 mm	left	1:1	0.000	44.97	
1860.00	26140	Low	LTE Band 25 (PCS)	20	16.00	0	Ant 3	QPSK	50	25	0 mm	left	1:1	0.000	45.03	
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-30
DSI = 1 P_{limit} Calculations - LTE Band 25 (PCS) Ant 4b

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.26	0	Ant 4b	QPSK	1	50	0 mm	back	1:1	0.681	12.96	12.75
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.51	0	Ant 4b	QPSK	1	50	0 mm	back	1:1	0.698	13.10	
1905.00	26590	High	LTE Band 25 (PCS)	20	12.42	0	Ant 4b	QPSK	1	50	0 mm	back	1:1	0.725	12.85	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.51	0	Ant 4b	QPSK	50	25	0 mm	back	1:1	0.719	12.97	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.53	0	Ant 4b	QPSK	50	25	0 mm	back	1:1	0.724	12.96	
1905.00	26590	High	LTE Band 25 (PCS)	20	12.48	0	Ant 4b	QPSK	50	25	0 mm	back	1:1	0.738	12.83	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.49	0	Ant 4b	QPSK	100	0	0 mm	back	1:1	0.666	13.29	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.26	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.707	12.80	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.51	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.707	13.05	
1905.00	26590	High	LTE Band 25 (PCS)	20	12.42	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.716	12.90	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.51	0	Ant 4b	QPSK	50	25	0 mm	top	1:1	0.702	13.08	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.53	0	Ant 4b	QPSK	50	25	0 mm	top	1:1	0.725	12.96	
1905.00	26590	High	LTE Band 25 (PCS)	20	12.48	0	Ant 4b	QPSK	50	25	0 mm	top	1:1	0.751	12.75	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.49	0	Ant 4b	QPSK	100	0	0 mm	top	1:1	0.692	13.12	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.51	0	Ant 4b	QPSK	1	50	0 mm	bottom	1:1	0.000	41.54	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.53	0	Ant 4b	QPSK	50	25	0 mm	bottom	1:1	0.000	41.56	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.51	0	Ant 4b	QPSK	1	50	0 mm	right	1:1	0.001	41.54	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.53	0	Ant 4b	QPSK	50	25	0 mm	right	1:1	0.000	41.56	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.51	0	Ant 4b	QPSK	1	50	0 mm	left	1:1	0.042	25.31	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.53	0	Ant 4b	QPSK	50	25	0 mm	left	1:1	0.047	24.84	
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-31
DSI = 1 P_{limit} Calculations - LTE Band 30 Ant 1

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
2310.00	27710	Mid	LTE Band 30	10	14.35	0	Ant 1	QPSK	1	25	0 mm	back	1:1	0.641	15.31	14.65
2310.00	27710	Mid	LTE Band 30	10	14.27	0	Ant 1	QPSK	25	25	0 mm	back	1:1	0.637	15.26	
2310.00	27710	Mid	LTE Band 30	10	14.19	0	Ant 1	QPSK	50	0	0 mm	back	1:1	0.630	15.23	
2310.00	27710	Mid	LTE Band 30	10	14.35	0	Ant 1	QPSK	1	25	0 mm	top	1:1	0.007	34.93	
2310.00	27710	Mid	LTE Band 30	10	14.27	0	Ant 1	QPSK	25	25	0 mm	top	1:1	0.006	35.52	
2310.00	27710	Mid	LTE Band 30	10	14.35	0	Ant 1	QPSK	1	25	0 mm	bottom	1:1	0.200	20.37	
2310.00	27710	Mid	LTE Band 30	10	14.27	0	Ant 1	QPSK	25	25	0 mm	bottom	1:1	0.190	20.51	
2310.00	27710	Mid	LTE Band 30	10	14.35	0	Ant 1	QPSK	1	25	0 mm	right	1:1	0.000	43.38	
2310.00	27710	Mid	LTE Band 30	10	14.27	0	Ant 1	QPSK	25	25	0 mm	right	1:1	0.000	43.30	
2310.00	27710	Mid	LTE Band 30	10	14.35	0	Ant 1	QPSK	1	25	0 mm	left	1:1	0.728	14.76	
2310.00	27710	Mid	LTE Band 30	10	14.27	0	Ant 1	QPSK	25	25	0 mm	left	1:1	0.725	14.70	
2310.00	27710	Mid	LTE Band 30	10	14.19	0	Ant 1	QPSK	50	0	0 mm	left	1:1	0.719	14.65	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

Table A-32
DSI = 1 P_{limit} Calculations - LTE Band 30 Ant 2b

MEASUREMENT RESULTS																
FREQUENCY		Mode		Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
2310.00	27710	Mid	LTE Band 30	10	12.80	0	Ant 2b	QPSK	1	25	0 mm	back	1:1	0.687	13.46	13.06
2310.00	27710	Mid	LTE Band 30	10	12.81	0	Ant 2b	QPSK	25	12	0 mm	back	1:1	0.689	13.46	
2310.00	27710	Mid	LTE Band 30	10	12.78	0	Ant 2b	QPSK	50	0	0 mm	back	1:1	0.750	13.06	
2310.00	27710	Mid	LTE Band 30	10	12.80	0	Ant 2b	QPSK	1	25	0 mm	top	1:1	0.008	32.80	
2310.00	27710	Mid	LTE Band 30	10	12.81	0	Ant 2b	QPSK	25	12	0 mm	top	1:1	0.007	33.39	
2310.00	27710	Mid	LTE Band 30	10	12.80	0	Ant 2b	QPSK	1	25	0 mm	bottom	1:1	0.421	15.59	
2310.00	27710	Mid	LTE Band 30	10	12.81	0	Ant 2b	QPSK	25	12	0 mm	bottom	1:1	0.422	15.59	
2310.00	27710	Mid	LTE Band 30	10	12.80	0	Ant 2b	QPSK	1	25	0 mm	right	1:1	0.041	25.70	
2310.00	27710	Mid	LTE Band 30	10	12.81	0	Ant 2b	QPSK	25	12	0 mm	right	1:1	0.046	25.21	
2310.00	27710	Mid	LTE Band 30	10	12.80	0	Ant 2b	QPSK	1	25	0 mm	left	1:1	0.033	26.65	
2310.00	27710	Mid	LTE Band 30	10	12.81	0	Ant 2b	QPSK	25	12	0 mm	left	1:1	0.034	26.53	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

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Table A-33
DSI = 1 P_{limit} Calculations - LTE Band 30 Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
2310.00	27710	Mid	LTE Band 30	10	17.57	0	Ant 3	QPSK	1	0	0 mm	back	1:1	0.502	19.59	17.88
2310.00	27710	Mid	LTE Band 30	10	17.49	0	Ant 3	QPSK	25	12	0 mm	back	1:1	0.521	19.35	
2310.00	27710	Mid	LTE Band 30	10	17.57	0	Ant 3	QPSK	1	0	0 mm	top	1:1	0.724	18.00	
2310.00	27710	Mid	LTE Band 30	10	17.49	0	Ant 3	QPSK	25	12	0 mm	top	1:1	0.731	17.88	
2310.00	27710	Mid	LTE Band 30	10	17.47	0	Ant 3	QPSK	50	0	0 mm	top	1:1	0.727	17.89	
2310.00	27710	Mid	LTE Band 30	10	17.57	0	Ant 3	QPSK	1	0	0 mm	bottom	1:1	0.010	36.60	
2310.00	27710	Mid	LTE Band 30	10	17.49	0	Ant 3	QPSK	25	12	0 mm	bottom	1:1	0.008	37.49	
2310.00	27710	Mid	LTE Band 30	10	17.57	0	Ant 3	QPSK	1	0	0 mm	right	1:1	0.651	18.47	
2310.00	27710	Mid	LTE Band 30	10	17.49	0	Ant 3	QPSK	25	12	0 mm	right	1:1	0.655	18.36	
2310.00	27710	Mid	LTE Band 30	10	17.47	0	Ant 3	QPSK	50	0	0 mm	right	1:1	0.646	18.40	
2310.00	27710	Mid	LTE Band 30	10	17.57	0	Ant 3	QPSK	1	0	0 mm	left	1:1	0.015	34.84	
2310.00	27710	Mid	LTE Band 30	10	17.49	0	Ant 3	QPSK	25	12	0 mm	left	1:1	0.014	35.06	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

Table A-34
DSI = 1 P_{limit} Calculations - LTE Band 30 Ant 4b

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
2310.00	27710	Mid	LTE Band 30	10	12.25	0	Ant 4b	QPSK	1	0	0 mm	back	1:1	0.817	12.16	12.14
2310.00	27710	Mid	LTE Band 30	10	12.40	0	Ant 4b	QPSK	25	12	0 mm	back	1:1	0.831	12.23	
2310.00	27710	Mid	LTE Band 30	10	12.20	0	Ant 4b	QPSK	50	0	0 mm	back	1:1	0.811	12.14	
2310.00	27710	Mid	LTE Band 30	10	12.25	0	Ant 4b	QPSK	1	0	0 mm	top	1:1	0.723	12.69	
2310.00	27710	Mid	LTE Band 30	10	12.40	0	Ant 4b	QPSK	25	12	0 mm	top	1:1	0.734	12.77	
2310.00	27710	Mid	LTE Band 30	10	12.20	0	Ant 4b	QPSK	50	0	0 mm	top	1:1	0.715	12.69	
2310.00	27710	Mid	LTE Band 30	10	12.25	0	Ant 4b	QPSK	1	0	0 mm	bottom	1:1	0.000	41.28	
2310.00	27710	Mid	LTE Band 30	10	12.40	0	Ant 4b	QPSK	25	12	0 mm	bottom	1:1	0.000	41.43	
2310.00	27710	Mid	LTE Band 30	10	12.25	0	Ant 4b	QPSK	1	0	0 mm	right	1:1	0.012	30.49	
2310.00	27710	Mid	LTE Band 30	10	12.40	0	Ant 4b	QPSK	25	12	0 mm	right	1:1	0.009	31.89	
2310.00	27710	Mid	LTE Band 30	10	12.25	0	Ant 4b	QPSK	1	0	0 mm	left	1:1	0.051	24.21	
2310.00	27710	Mid	LTE Band 30	10	12.40	0	Ant 4b	QPSK	25	12	0 mm	left	1:1	0.051	24.36	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population						averaged over 1 gram										

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Table A-35
DSI = 1 P_{limit} Calculations - LTE Band 7 Ant 1

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
2510.00	20850	Low	LTE Band 7	20	13.01	0	Ant 1	QPSK	1	0	0 mm	back	1:1	0.428	15.73	13.33
2510.00	20850	Low	LTE Band 7	20	13.17	0	Ant 1	QPSK	50	0	0 mm	back	1:1	0.433	15.84	
2510.00	20850	Low	LTE Band 7	20	13.01	0	Ant 1	QPSK	1	0	0 mm	top	1:1	0.036	26.48	
2510.00	20850	Low	LTE Band 7	20	13.17	0	Ant 1	QPSK	50	0	0 mm	top	1:1	0.041	26.07	
2510.00	20850	Low	LTE Band 7	20	13.01	0	Ant 1	QPSK	1	0	0 mm	bottom	1:1	0.198	19.07	
2510.00	20850	Low	LTE Band 7	20	13.17	0	Ant 1	QPSK	50	0	0 mm	bottom	1:1	0.208	19.02	
2510.00	20850	Low	LTE Band 7	20	13.01	0	Ant 1	QPSK	1	0	0 mm	right	1:1	0.000	42.04	
2510.00	20850	Low	LTE Band 7	20	13.17	0	Ant 1	QPSK	50	0	0 mm	right	1:1	0.000	42.20	
2510.00	20850	Low	LTE Band 7	20	13.01	0	Ant 1	QPSK	1	0	0 mm	left	1:1	0.719	13.47	
2535.00	21100	Mid	LTE Band 7	20	12.90	0	Ant 1	QPSK	1	0	0 mm	left	1:1	0.724	13.33	
2560.00	21350	High	LTE Band 7	20	13.00	0	Ant 1	QPSK	1	0	0 mm	left	1:1	0.666	13.80	
2510.00	20850	Low	LTE Band 7	20	13.17	0	Ant 1	QPSK	50	0	0 mm	left	1:1	0.756	13.42	
2535.00	21100	Mid	LTE Band 7	20	12.98	0	Ant 1	QPSK	50	0	0 mm	left	1:1	0.628	14.03	
2560.00	21350	High	LTE Band 7	20	13.08	0	Ant 1	QPSK	50	0	0 mm	left	1:1	0.571	14.54	
2510.00	20850	Low	LTE Band 7	20	13.00	0	Ant 1	QPSK	100	0	0 mm	left	1:1	0.657	13.86	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

Table A-36
DSI = 1 P_{limit} Calculations - LTE Band 7 Ant 2b

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
2510.00	20850	Low	LTE Band 7	20	11.43	0	Ant 2b	QPSK	1	50	0 mm	back	1:1	0.608	12.62	12.25
2535.00	21100	Mid	LTE Band 7	20	11.56	0	Ant 2b	QPSK	1	50	0 mm	back	1:1	0.556	13.14	
2560.00	21350	High	LTE Band 7	20	11.31	0	Ant 2b	QPSK	1	0	0 mm	back	1:1	0.645	12.25	
2560.00	21350	High	LTE Band 7	20	11.41	0	Ant 2b	QPSK	1	50	0 mm	back	1:1	0.658	12.26	
2510.00	20850	Low	LTE Band 7	20	11.46	0	Ant 2b	QPSK	50	0	0 mm	back	1:1	0.623	12.55	
2535.00	21100	Mid	LTE Band 7	20	11.47	0	Ant 2b	QPSK	50	0	0 mm	back	1:1	0.581	12.86	
2560.00	21350	High	LTE Band 7	20	11.46	0	Ant 2b	QPSK	50	0	0 mm	back	1:1	0.614	12.61	
2510.00	20850	Low	LTE Band 7	20	11.45	0	Ant 2b	QPSK	100	0	0 mm	back	1:1	0.616	12.59	
2535.00	21100	Mid	LTE Band 7	20	11.56	0	Ant 2b	QPSK	1	50	0 mm	top	1:1	0.003	35.82	
2535.00	21100	Mid	LTE Band 7	20	11.47	0	Ant 2b	QPSK	50	0	0 mm	top	1:1	0.004	34.48	
2535.00	21100	Mid	LTE Band 7	20	11.56	0	Ant 2b	QPSK	1	50	0 mm	bottom	1:1	0.270	16.28	
2535.00	21100	Mid	LTE Band 7	20	11.47	0	Ant 2b	QPSK	50	0	0 mm	bottom	1:1	0.274	16.12	
2535.00	21100	Mid	LTE Band 7	20	11.56	0	Ant 2b	QPSK	1	50	0 mm	right	1:1	0.014	29.13	
2535.00	21100	Mid	LTE Band 7	20	11.47	0	Ant 2b	QPSK	50	0	0 mm	right	1:1	0.013	29.36	
2535.00	21100	Mid	LTE Band 7	20	11.56	0	Ant 2b	QPSK	1	50	0 mm	left	1:1	0.013	29.45	
2535.00	21100	Mid	LTE Band 7	20	11.47	0	Ant 2b	QPSK	50	0	0 mm	left	1:1	0.014	29.04	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

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Table A-37
DSI = 1 P_{limit} Calculations - LTE Band 7 Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
2560.00	21350	High	LTE Band 7	20	14.76	0	Ant 3	QPSK	1	50	0 mm	back	1:1	0.362	18.20	14.95
2560.00	21350	High	LTE Band 7	20	14.81	0	Ant 3	QPSK	50	25	0 mm	back	1:1	0.370	18.16	
2510.00	20850	Low	LTE Band 7	20	14.45	0	Ant 3	QPSK	1	99	0 mm	top	1:1	0.670	15.22	
2535.00	21100	Mid	LTE Band 7	20	14.73	0	Ant 3	QPSK	1	99	0 mm	top	1:1	0.729	15.13	
2560.00	21350	High	LTE Band 7	20	14.76	0	Ant 3	QPSK	1	50	0 mm	top	1:1	0.760	14.98	
2510.00	20850	Low	LTE Band 7	20	14.70	0	Ant 3	QPSK	50	25	0 mm	top	1:1	0.678	15.42	
2535.00	21100	Mid	LTE Band 7	20	14.75	0	Ant 3	QPSK	50	50	0 mm	top	1:1	0.713	15.25	
2560.00	21350	High	LTE Band 7	20	14.79	0	Ant 3	QPSK	50	0	0 mm	top	1:1	0.715	15.28	
2560.00	21350	High	LTE Band 7	20	14.81	0	Ant 3	QPSK	50	25	0 mm	top	1:1	0.774	14.95	
2560.00	21350	High	LTE Band 7	20	14.74	0	Ant 3	QPSK	100	0	0 mm	top	1:1	0.752	15.01	
2560.00	21350	High	LTE Band 7	20	14.76	0	Ant 3	QPSK	1	50	0 mm	bottom	1:1	0.000	43.79	
2560.00	21350	High	LTE Band 7	20	14.81	0	Ant 3	QPSK	50	25	0 mm	bottom	1:1	0.002	40.83	
2560.00	21350	High	LTE Band 7	20	14.76	0	Ant 3	QPSK	1	50	0 mm	right	1:1	0.179	21.26	
2560.00	21350	High	LTE Band 7	20	14.81	0	Ant 3	QPSK	50	25	0 mm	right	1:1	0.200	20.83	
2560.00	21350	High	LTE Band 7	20	14.76	0	Ant 3	QPSK	1	50	0 mm	left	1:1	0.005	36.80	
2560.00	21350	High	LTE Band 7	20	14.81	0	Ant 3	QPSK	50	25	0 mm	left	1:1	0.006	36.06	
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-38
DSI = 1 P_{limit} Calculations - LTE Band 7 Ant 4b

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
2535.00	21100	Mid	LTE Band 7	20	12.11	0	Ant 4b	QPSK	1	50	0 mm	back	1:1	0.617	13.24	12.09
2535.00	21100	Mid	LTE Band 7	20	12.12	0	Ant 4b	QPSK	50	25	0 mm	back	1:1	0.614	13.27	
2510.00	20850	Low	LTE Band 7	20	11.82	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.752	12.09	
2510.00	20850	Low	LTE Band 7	20	11.80	0	Ant 4b	QPSK	1	99	0 mm	top	1:1	0.688	12.46	
2535.00	21100	Mid	LTE Band 7	20	12.11	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.743	12.43	
2560.00	21350	High	LTE Band 7	20	11.92	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.722	12.37	
2510.00	20850	Low	LTE Band 7	20	12.06	0	Ant 4b	QPSK	50	0	0 mm	top	1:1	0.757	12.30	
2535.00	21100	Mid	LTE Band 7	20	12.12	0	Ant 4b	QPSK	50	25	0 mm	top	1:1	0.752	12.39	
2560.00	21350	High	LTE Band 7	20	12.03	0	Ant 4b	QPSK	50	0	0 mm	top	1:1	0.746	12.33	
2535.00	21100	Mid	LTE Band 7	20	12.09	0	Ant 4b	QPSK	100	0	0 mm	top	1:1	0.737	12.45	
2535.00	21100	Mid	LTE Band 7	20	12.11	0	Ant 4b	QPSK	1	50	0 mm	bottom	1:1	0.000	41.14	
2535.00	21100	Mid	LTE Band 7	20	12.12	0	Ant 4b	QPSK	50	25	0 mm	bottom	1:1	0.000	41.15	
2535.00	21100	Mid	LTE Band 7	20	12.11	0	Ant 4b	QPSK	1	50	0 mm	right	1:1	0.009	31.60	
2535.00	21100	Mid	LTE Band 7	20	12.12	0	Ant 4b	QPSK	50	25	0 mm	right	1:1	0.010	31.15	
2535.00	21100	Mid	LTE Band 7	20	12.11	0	Ant 4b	QPSK	1	50	0 mm	left	1:1	0.031	26.23	
2535.00	21100	Mid	LTE Band 7	20	12.12	0	Ant 4b	QPSK	50	25	0 mm	left	1:1	0.033	25.97	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

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Table A-39
DSI = 1 P_{limit} Calculations - LTE Band 41 Ant 1

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR [1g] (W/kg)	Plimit [dBm]	Minimum Plimit [dBm]
MHz	Ch.															
2549.50	40185	Low-Mid	LTE Band 41	20	15.25	0	Ant 1	QPSK	1	50	0 mm	back	1:1.58	0.297	17.57	13.76
2549.50	40185	Low-Mid	LTE Band 41	20	15.31	0	Ant 1	QPSK	50	25	0 mm	back	1:1.58	0.310	17.44	
2549.50	40185	Low-Mid	LTE Band 41	20	15.25	0	Ant 1	QPSK	1	50	0 mm	top	1:1.58	0.001	42.29	
2549.50	40185	Low-Mid	LTE Band 41	20	15.31	0	Ant 1	QPSK	50	25	0 mm	top	1:1.58	0.000	42.35	
2549.50	40185	Low-Mid	LTE Band 41	20	15.25	0	Ant 1	QPSK	1	50	0 mm	bottom	1:1.58	0.194	19.42	
2549.50	40185	Low-Mid	LTE Band 41	20	15.31	0	Ant 1	QPSK	50	25	0 mm	bottom	1:1.58	0.201	19.32	
2549.50	40185	Low-Mid	LTE Band 41	20	15.25	0	Ant 1	QPSK	1	50	0 mm	right	1:1.58	0.000	42.29	
2549.50	40185	Low-Mid	LTE Band 41	20	15.31	0	Ant 1	QPSK	50	25	0 mm	right	1:1.58	0.000	42.35	
2506.00	39750	Low	LTE Band 41	20	14.90	0	Ant 1	QPSK	1	50	0 mm	left	1:1.58	0.655	13.78	
2549.50	40185	Low-Mid	LTE Band 41	20	15.25	0	Ant 1	QPSK	1	50	0 mm	left	1:1.58	0.570	14.74	
2593.00	40620	Mid	LTE Band 41	20	14.66	0	Ant 1	QPSK	1	0	0 mm	left	1:1.58	0.433	15.34	
2636.50	41055	Mid-High	LTE Band 41	20	14.56	0	Ant 1	QPSK	1	50	0 mm	left	1:1.58	0.203	18.53	
2680.00	41490	High	LTE Band 41	20	15.14	0	Ant 1	QPSK	1	99	0 mm	left	1:1.58	0.064	22.94	
2506.00	39750	Low	LTE Band 41	20	14.95	0	Ant 1	QPSK	50	25	0 mm	left	1:1.58	0.666	13.76	
2506.00	39750	Low	LTE Band 41	20	14.90	0	Ant 1	QPSK	50	50	0 mm	left	1:1.58	0.639	13.89	
2549.50	40185	Low-Mid	LTE Band 41	20	15.31	0	Ant 1	QPSK	50	25	0 mm	left	1:1.58	0.583	14.70	
2593.00	40620	Mid	LTE Band 41	20	14.73	0	Ant 1	QPSK	50	25	0 mm	left	1:1.58	0.399	15.77	
2593.00	40620	Mid	LTE Band 41	20	14.73	0	Ant 1	QPSK	50	25	0 mm	left	1:1.58	0.399	15.77	
2593.00	40620	Mid	LTE Band 41	20	14.96	0	Ant 1	QPSK	100	0	0 mm	left	1:1.58	0.396	16.03	
2593.00	40620	Mid	LTE Band 41	20	14.96	0	Ant 1	QPSK	100	0	0 mm	left	1:1.58	0.396	16.03	
2593.00	40620	Mid	LTE Band 41	20	14.96	0	Ant 1	QPSK	100	0	0 mm	left	1:1.58	0.396	16.03	
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-40
DSI = 1 P_{limit} Calculations - LTE Band 41 Ant 2b

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g) (W/kg)	Plimit [dBm]	Minimum Plimit [dBm]	
Mhz	Ch.															
2506.00	39750	Low	LTE Band 41	20	13.24	0	Ant 2b	QPSK	1	99	0 mm	back	1:1.58	0.416	14.09	11.62
2549.50	40185	Low-Md	LTE Band 41	20	13.30	0	Ant 2b	QPSK	1	50	0 mm	back	1:1.58	0.654	12.19	
2593.00	40620	Mid	LTE Band 41	20	13.33	0	Ant 2b	QPSK	1	99	0 mm	back	1:1.58	0.637	12.33	
2636.50	41055	Mid-High	LTE Band 41	20	13.29	0	Ant 2b	QPSK	1	0	0 mm	back	1:1.58	0.697	11.90	
2680.00	41490	High	LTE Band 41	20	13.45	0	Ant 2b	QPSK	1	99	0 mm	back	1:1.58	0.559	13.02	
2506.00	39750	Low	LTE Band 41	20	13.37	0	Ant 2b	QPSK	50	0	0 mm	back	1:1.58	0.589	12.71	
2549.50	40185	Low-Md	LTE Band 41	20	13.40	0	Ant 2b	QPSK	50	0	0 mm	back	1:1.58	0.673	12.16	
2593.00	40620	Mid	LTE Band 41	20	13.39	0	Ant 2b	QPSK	50	25	0 mm	back	1:1.58	0.710	11.92	
2636.50	41055	Mid-High	LTE Band 41	20	13.38	0	Ant 2b	QPSK	50	0	0 mm	back	1:1.58	0.730	11.79	
2636.50	41055	Mid-High	LTE Band 41	20	13.41	0	Ant 2b	QPSK	50	25	0 mm	back	1:1.58	0.765	11.62	
2680.00	41490	High	LTE Band 41	20	13.48	0	Ant 2b	QPSK	50	25	0 mm	back	1:1.58	0.557	13.07	
2593.00	40620	Mid	LTE Band 41	20	13.43	0	Ant 2b	QPSK	100	0	0 mm	back	1:1.58	0.597	12.72	
2680.00	41490	High	LTE Band 41	20	13.45	0	Ant 2b	QPSK	1	99	0 mm	top	1:1.58	0.000	40.49	
2680.00	41490	High	LTE Band 41	20	13.48	0	Ant 2b	QPSK	50	25	0 mm	top	1:1.58	0.000	40.52	
2680.00	41490	High	LTE Band 41	20	13.45	0	Ant 2b	QPSK	1	99	0 mm	bottom	1:1.58	0.269	16.20	
2680.00	41490	High	LTE Band 41	20	13.48	0	Ant 2b	QPSK	50	25	0 mm	bottom	1:1.58	0.269	16.23	
2680.00	41490	High	LTE Band 41	20	13.45	0	Ant 2b	QPSK	1	99	0 mm	right	1:1.58	0.014	29.03	
2680.00	41490	High	LTE Band 41	20	13.48	0	Ant 2b	QPSK	50	25	0 mm	right	1:1.58	0.016	28.48	
2680.00	41490	High	LTE Band 41	20	13.45	0	Ant 2b	QPSK	1	99	0 mm	left	1:1.58	0.009	30.95	
2680.00	41490	High	LTE Band 41	20	13.48	0	Ant 2b	QPSK	50	25	0 mm	left	1:1.58	0.010	30.52	
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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Table A-41
DSI = 1 P_{limit} Calculations - LTE Band 41 Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
2680.00	41490	High	LTE Band 41	20	16.15	0	Ant 3	QPSK	1	99	0 mm	back	1:1.58	0.272	18.85	14.67
2680.00	41490	High	LTE Band 41	20	16.10	0	Ant 3	QPSK	50	50	0 mm	back	1:1.58	0.258	19.03	
2506.00	39750	Low	LTE Band 41	20	15.65	0	Ant 3	QPSK	1	50	0 mm	top	1:1.58	0.525	15.49	
2549.50	40185	Low-Mid	LTE Band 41	20	15.84	0	Ant 3	QPSK	1	99	0 mm	top	1:1.58	0.547	15.51	
2593.00	40620	Mid	LTE Band 41	20	15.90	0	Ant 3	QPSK	1	0	0 mm	top	1:1.58	0.572	15.37	
2636.50	41055	Mid-High	LTE Band 41	20	15.80	0	Ant 3	QPSK	1	99	0 mm	top	1:1.58	0.592	15.12	
2680.00	41490	High	LTE Band 41	20	16.15	0	Ant 3	QPSK	1	99	0 mm	top	1:1.58	0.609	15.35	
2506.00	39750	Low	LTE Band 41	20	15.78	0	Ant 3	QPSK	50	25	0 mm	top	1:1.58	0.557	15.37	
2549.50	40185	Low-Mid	LTE Band 41	20	15.82	0	Ant 3	QPSK	50	25	0 mm	top	1:1.58	0.609	15.02	
2593.00	40620	Mid	LTE Band 41	20	15.81	0	Ant 3	QPSK	50	25	0 mm	top	1:1.58	0.656	14.69	
2636.50	41055	Mid-High	LTE Band 41	20	15.38	0	Ant 3	QPSK	50	50	0 mm	top	1:1.58	0.596	14.67	
2680.00	41490	High	LTE Band 41	20	16.10	0	Ant 3	QPSK	50	50	0 mm	top	1:1.58	0.617	15.24	
2680.00	41490	High	LTE Band 41	20	16.05	0	Ant 3	QPSK	100	0	0 mm	top	1:1.58	0.685	14.74	
2680.00	41490	High	LTE Band 41	20	16.15	0	Ant 3	QPSK	1	99	0 mm	bottom	1:1.58	0.003	38.42	
2680.00	41490	High	LTE Band 41	20	16.10	0	Ant 3	QPSK	50	50	0 mm	bottom	1:1.58	0.003	38.37	
2680.00	41490	High	LTE Band 41	20	16.15	0	Ant 3	QPSK	1	99	0 mm	right	1:1.58	0.229	19.60	
2680.00	41490	High	LTE Band 41	20	16.10	0	Ant 3	QPSK	50	50	0 mm	right	1:1.58	0.224	19.64	
2680.00	41490	High	LTE Band 41	20	16.15	0	Ant 3	QPSK	1	99	0 mm	left	1:1.58	0.013	32.06	
2680.00	41490	High	LTE Band 41	20	16.10	0	Ant 3	QPSK	50	50	0 mm	left	1:1.58	0.010	33.14	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population						averaged over 1 gram										

Table A-42
DSI = 1 P_{limit} Calculations - LTE Band 41 Ant 4b

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg) (W/kg)	P _{limit} [dBm]	Minimum P _{limit} [dBm]
MHz	Ch.															
2506.00	39750	Low	LTE Band 41	20	13.43	0	Ant 4b	QPSK	1	50	0 mm	back	1:1.58	0.429	14.15	11.94
2506.00	39750	Low	LTE Band 41	20	13.51	0	Ant 4b	QPSK	50	25	0 mm	back	1:1.58	0.444	14.08	
2506.00	39750	Low	LTE Band 41	20	13.43	0	Ant 4b	QPSK	1	50	0 mm	top	1:1.58	0.559	13.00	
2549.50	40185	Low-Mid	LTE Band 41	20	13.37	0	Ant 4b	QPSK	1	50	0 mm	top	1:1.58	0.575	12.82	
2593.00	40620	Mid	LTE Band 41	20	13.23	0	Ant 4b	QPSK	1	50	0 mm	top	1:1.58	0.569	12.72	
2636.50	41055	Mid-High	LTE Band 41	20	13.07	0	Ant 4b	QPSK	1	0	0 mm	top	1:1.58	0.586	12.44	
2680.00	41490	High	LTE Band 41	20	13.17	0	Ant 4b	QPSK	1	50	0 mm	top	1:1.58	0.613	12.34	
2506.00	39750	Low	LTE Band 41	20	13.51	0	Ant 4b	QPSK	50	25	0 mm	top	1:1.58	0.587	12.87	
2549.50	40185	Low-Mid	LTE Band 41	20	13.38	0	Ant 4b	QPSK	50	25	0 mm	top	1:1.58	0.594	12.69	
2593.00	40620	Mid	LTE Band 41	20	13.27	0	Ant 4b	QPSK	50	25	0 mm	top	1:1.58	0.582	12.67	
2636.50	41055	Mid-High	LTE Band 41	20	13.17	0	Ant 4b	QPSK	50	25	0 mm	top	1:1.58	0.593	12.48	
2680.00	41490	High	LTE Band 41	20	13.16	0	Ant 4b	QPSK	50	0	0 mm	top	1:1.58	0.671	11.94	
2680.00	41490	High	LTE Band 41	20	13.17	0	Ant 4b	QPSK	50	25	0 mm	top	1:1.58	0.640	12.15	
2593.00	40620	Mid	LTE Band 41	20	13.40	0	Ant 4b	QPSK	100	0	0 mm	top	1:1.58	0.579	12.82	
2506.00	39750	Low	LTE Band 41	20	13.43	0	Ant 4b	QPSK	1	50	0 mm	bottom	1:1.58	0.000	40.48	
2506.00	39750	Low	LTE Band 41	20	13.51	0	Ant 4b	QPSK	50	25	0 mm	bottom	1:1.58	0.000	40.56	
2506.00	39750	Low	LTE Band 41	20	13.43	0	Ant 4b	QPSK	1	50	0 mm	right	1:1.58	0.021	27.25	
2506.00	39750	Low	LTE Band 41	20	13.51	0	Ant 4b	QPSK	50	25	0 mm	right	1:1.58	0.019	27.77	
2506.00	39750	Low	LTE Band 41	20	13.43	0	Ant 4b	QPSK	1	50	0 mm	left	1:1.58	0.034	25.16	
2506.00	39750	Low	LTE Band 41	20	13.51	0	Ant 4b	QPSK	50	25	0 mm	left	1:1.58	0.033	25.37	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

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Table A-43
DSI = 1 P_{limit} Calculations - LTE Band 48 Ant 1

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
3560.00	55340	Low	LTE Band 48	20	12.84	0	Ant 1	QPSK	1	99	0 mm	back	1:1	0.509	12.82	12.71
3603.30	55773	Low-Mid	LTE Band 48	20	12.86	0	Ant 1	QPSK	1	50	0 mm	back	1:1	0.507	12.85	
3646.70	56207	Mid-High	LTE Band 48	20	12.84	0	Ant 1	QPSK	1	99	0 mm	back	1:1	0.512	12.79	
3690.00	56640	High	LTE Band 48	20	13.14	0	Ant 1	QPSK	1	50	0 mm	back	1:1	0.492	13.27	
3560.00	55340	Low	LTE Band 48	20	12.95	0	Ant 1	QPSK	50	50	0 mm	back	1:1	0.518	12.85	
3603.30	55773	Low-Mid	LTE Band 48	20	12.87	0	Ant 1	QPSK	50	25	0 mm	back	1:1	0.525	12.71	
3603.30	55773	Low-Mid	LTE Band 48	20	12.85	0	Ant 1	QPSK	50	50	0 mm	back	1:1	0.484	13.05	
3646.70	56207	Mid-High	LTE Band 48	20	13.00	0	Ant 1	QPSK	50	50	0 mm	back	1:1	0.521	12.88	
3690.00	56640	High	LTE Band 48	20	13.21	0	Ant 1	QPSK	50	50	0 mm	back	1:1	0.504	13.23	
3690.00	56640	High	LTE Band 48	20	13.13	0	Ant 1	QPSK	100	0	0 mm	back	1:1	0.532	12.92	
3690.00	56640	High	LTE Band 48	20	13.14	0	Ant 1	QPSK	1	50	0 mm	top	1:1	0.000	40.19	
3690.00	56640	High	LTE Band 48	20	13.21	0	Ant 1	QPSK	50	50	0 mm	top	1:1	0.000	40.26	
3690.00	56640	High	LTE Band 48	20	13.14	0	Ant 1	QPSK	1	50	0 mm	bottom	1:1	0.368	14.53	
3690.00	56640	High	LTE Band 48	20	13.21	0	Ant 1	QPSK	50	50	0 mm	bottom	1:1	0.370	14.57	
3690.00	56640	High	LTE Band 48	20	13.14	0	Ant 1	QPSK	1	50	0 mm	right	1:1	0.029	25.56	
3690.00	56640	High	LTE Band 48	20	13.21	0	Ant 1	QPSK	50	50	0 mm	right	1:1	0.024	26.45	
3690.00	56640	High	LTE Band 48	20	13.14	0	Ant 1	QPSK	1	50	0 mm	left	1:1	0.220	16.76	
3690.00	56640	High	LTE Band 48	20	13.21	0	Ant 1	QPSK	50	50	0 mm	left	1:1	0.226	16.71	
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-44
DSI = 1 P_{limit} Calculations - LTE Band 48 Ant 2a

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)	Plimit	Minimum Plimit		
MHz	Ch.												(W/kg)	[dBm]	[dBm]		
3560.00	55340	Low	LTE Band 48	20	12.15	0	Ant 2a	QPSK	1	50	0 mm	back	1:1	0.694	10.78	10.78	
3560.00	55340	Low	LTE Band 48	20	12.12	0	Ant 2a	QPSK	1	99	0 mm	back	1:1	0.650	11.04		
3603.30	55773	Low-Mid	LTE Band 48	20	12.28	0	Ant 2a	QPSK	1	50	0 mm	back	1:1	0.636	11.29		
3646.70	56207	Mid-High	LTE Band 48	20	12.35	0	Ant 2a	QPSK	1	50	0 mm	back	1:1	0.633	11.38		
3690.00	56640	High	LTE Band 48	20	12.60	0	Ant 2a	QPSK	1	50	0 mm	back	1:1	0.652	11.50		
3560.00	55340	Low	LTE Band 48	20	12.52	0	Ant 2a	QPSK	50	25	0 mm	back	1:1	0.663	11.35		
3603.30	55773	Low-Mid	LTE Band 48	20	12.38	0	Ant 2a	QPSK	50	25	0 mm	back	1:1	0.649	11.30		
3646.70	56207	Mid-High	LTE Band 48	20	12.44	0	Ant 2a	QPSK	50	25	0 mm	back	1:1	0.650	11.36		
3690.00	56640	High	LTE Band 48	20	12.61	0	Ant 2a	QPSK	50	25	0 mm	back	1:1	0.667	11.41		
3690.00	56640	High	LTE Band 48	20	12.58	0	Ant 2a	QPSK	100	0	0 mm	back	1:1	0.632	11.62		
3690.00	56640	High	LTE Band 48	20	12.60	0	Ant 2a	QPSK	1	50	0 mm	top	1:1	0.009	30.10		
3690.00	56640	High	LTE Band 48	20	12.61	0	Ant 2a	QPSK	50	25	0 mm	top	1:1	0.008	30.62		
3690.00	56640	High	LTE Band 48	20	12.60	0	Ant 2a	QPSK	1	50	0 mm	bottom	1:1	0.181	17.07		
3690.00	56640	High	LTE Band 48	20	12.61	0	Ant 2a	QPSK	50	25	0 mm	bottom	1:1	0.188	16.91		
3560.00	55340	Low	LTE Band 48	20	12.15	0	Ant 2a	QPSK	1	50	0 mm	right	1:1	0.646	11.09		
3603.30	55773	Low-Mid	LTE Band 48	20	12.28	0	Ant 2a	QPSK	1	50	0 mm	right	1:1	0.647	11.22		
3646.70	56207	Mid-High	LTE Band 48	20	12.35	0	Ant 2a	QPSK	1	50	0 mm	right	1:1	0.629	11.41		
3690.00	56640	High	LTE Band 48	20	12.60	0	Ant 2a	QPSK	1	50	0 mm	right	1:1	0.595	11.90		
3560.00	55340	Low	LTE Band 48	20	12.52	0	Ant 2a	QPSK	50	25	0 mm	right	1:1	0.660	11.37		
3603.30	55773	Low-Mid	LTE Band 48	20	12.38	0	Ant 2a	QPSK	50	25	0 mm	right	1:1	0.599	11.65		
3646.70	56207	Mid-High	LTE Band 48	20	12.44	0	Ant 2a	QPSK	50	25	0 mm	right	1:1	0.656	11.32		
3690.00	56640	High	LTE Band 48	20	12.61	0	Ant 2a	QPSK	50	25	0 mm	right	1:1	0.615	11.77		
3690.00	56640	High	LTE Band 48	20	12.58	0	Ant 2a	QPSK	100	0	0 mm	right	1:1	0.619	11.71		
3690.00	56640	High	LTE Band 48	20	12.60	0	Ant 2a	QPSK	1	50	0 mm	left	1:1	0.002	36.63		
3690.00	56640	High	LTE Band 48	20	12.61	0	Ant 2a	QPSK	50	25	0 mm	left	1:1	0.002	36.64		
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-45
DSI = 1 P_{limit} Calculations - LTE Band 48 Ant 3

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
3646.70	56207	Mid-High	LTE Band 48	20	13.52	0	Ant 3	QPSK	1	50	0 mm	back	1:1	0.433	14.20	12.81
3646.70	56207	Mid-High	LTE Band 48	20	13.58	0	Ant 3	QPSK	50	25	0 mm	back	1:1	0.438	14.21	
3560.00	55340	Low	LTE Band 48	20	13.47	0	Ant 3	QPSK	1	50	0 mm	top	1:1	0.473	13.77	
3603.30	55773	Low-Mid	LTE Band 48	20	13.49	0	Ant 3	QPSK	1	50	0 mm	top	1:1	0.511	13.45	
3646.70	56207	Mid-Mid-High	LTE Band 48	20	13.52	0	Ant 3	QPSK	1	50	0 mm	top	1:1	0.555	13.12	
3690.00	56640	High	LTE Band 48	20	13.48	0	Ant 3	QPSK	1	50	0 mm	top	1:1	0.554	13.09	
3560.00	55340	Low	LTE Band 48	20	13.52	0	Ant 3	QPSK	50	50	0 mm	top	1:1	0.490	13.66	
3603.30	55773	Low-Mid	LTE Band 48	20	13.57	0	Ant 3	QPSK	50	50	0 mm	top	1:1	0.507	13.56	
3646.70	56207	Mid-High	LTE Band 48	20	13.58	0	Ant 3	QPSK	50	25	0 mm	top	1:1	0.565	13.10	
3690.00	56640	High	LTE Band 48	20	13.46	0	Ant 3	QPSK	50	0	0 mm	top	1:1	0.588	12.81	
3690.00	56640	High	LTE Band 48	20	13.54	0	Ant 3	QPSK	50	25	0 mm	top	1:1	0.566	13.06	
3646.70	56207	Mid-High	LTE Band 48	20	13.50	0	Ant 3	QPSK	100	0	0 mm	top	1:1	0.539	13.23	
3646.70	56207	Mid-High	LTE Band 48	20	13.52	0	Ant 3	QPSK	1	50	0 mm	bottom	1:1	0.006	32.78	
3646.70	56207	Mid-High	LTE Band 48	20	13.58	0	Ant 3	QPSK	50	25	0 mm	bottom	1:1	0.002	37.61	
3646.70	56207	Mid-High	LTE Band 48	20	13.52	0	Ant 3	QPSK	1	50	0 mm	right	1:1	0.023	26.95	
3646.70	56207	Mid-High	LTE Band 48	20	13.58	0	Ant 3	QPSK	50	25	0 mm	right	1:1	0.029	26.00	
3646.70	56207	Mid-High	LTE Band 48	20	13.52	0	Ant 3	QPSK	1	50	0 mm	left	1:1	0.014	29.10	
3646.70	56207	Mid-High	LTE Band 48	20	13.58	0	Ant 3	QPSK	50	25	0 mm	left	1:1	0.015	28.86	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

Table A-46
DSI = 1 P_{limit} Calculations - LTE Band 48 Ant 4b

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
3690.00	56640	High	LTE Band 48	20	12.33	0	Ant 4b	QPSK	1	50	0 mm	back	1:1	0.419	13.15	11.04
3690.00	56640	High	LTE Band 48	20	12.41	0	Ant 4b	QPSK	50	50	0 mm	back	1:1	0.420	13.22	
3560.00	55340	Low	LTE Band 48	20	12.21	0	Ant 4b	QPSK	1	99	0 mm	top	1:1	0.495	12.31	
3603.30	55773	Low-Mid	LTE Band 48	20	12.19	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.462	12.59	
3646.70	56207	Mid-High	LTE Band 48	20	12.29	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.487	12.46	
3690.00	56640	High	LTE Band 48	20	12.33	0	Ant 4b	QPSK	1	50	0 mm	top	1:1	0.583	11.72	
3560.00	55340	Low	LTE Band 48	20	12.24	0	Ant 4b	QPSK	50	50	0 mm	top	1:1	0.505	12.25	
3603.30	55773	Low-Mid	LTE Band 48	20	12.25	0	Ant 4b	QPSK	50	0	0 mm	top	1:1	0.469	12.58	
3646.70	56207	Mid-High	LTE Band 48	20	12.39	0	Ant 4b	QPSK	50	50	0 mm	top	1:1	0.496	12.48	
3690.00	56640	High	LTE Band 48	20	12.34	0	Ant 4b	QPSK	50	0	0 mm	top	1:1	0.603	11.58	
3690.00	56640	High	LTE Band 48	20	12.41	0	Ant 4b	QPSK	50	50	0 mm	top	1:1	0.694	11.04	
3690.00	56640	High	LTE Band 48	20	12.31	0	Ant 4b	QPSK	100	0	0 mm	top	1:1	0.529	12.12	
3690.00	56640	High	LTE Band 48	20	12.33	0	Ant 4b	QPSK	1	50	0 mm	bottom	1:1	0.000	39.37	
3690.00	56640	High	LTE Band 48	20	12.41	0	Ant 4b	QPSK	50	50	0 mm	bottom	1:1	0.000	39.46	
3690.00	56640	High	LTE Band 48	20	12.33	0	Ant 4b	QPSK	1	50	0 mm	right	1:1	0.008	30.34	
3690.00	56640	High	LTE Band 48	20	12.41	0	Ant 4b	QPSK	50	50	0 mm	right	1:1	0.009	29.91	
3690.00	56640	High	LTE Band 48	20	12.33	0	Ant 4b	QPSK	1	50	0 mm	left	1:1	0.013	28.24	
3690.00	56640	High	LTE Band 48	20	12.41	0	Ant 4b	QPSK	50	50	0 mm	left	1:1	0.014	27.99	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak						Body 1.6 W/kg (mW/g) averaged over 1 gram										
Uncontrolled Exposure/General Population																

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Table A-47

DSI = 1 Plimit Calculations - NR Band n71 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 [g]	Plimit
MHz	Ch.													(W/kg)	
680.50	136100	Md	back	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	1	53	20.84	0	1.1	0.459
680.50	136100	Md	back	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	50	28	20.41	0	1.1	0.667
680.50	136100	Md	back	0 mm	NR Band n71	Ant 1	20	CP-OFDM	QPSK	1	1	20.30	0	1.1	0.762
680.50	136100	Md	top	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	1	53	20.84	0	1.1	0.027
680.50	136100	Md	top	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	50	28	20.41	0	1.1	0.025
680.50	136100	Md	bottom	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	1	53	20.84	0	1.1	0.588
680.50	136100	Md	bottom	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	50	28	20.41	0	1.1	0.555
680.50	136100	Md	right	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	1	53	20.84	0	1.1	0.053
680.50	136100	Md	right	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	50	28	20.41	0	1.1	0.057
680.50	136100	Md	left	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	1	53	20.84	0	1.1	0.489
680.50	136100	Md	left	0 mm	NR Band n71	Ant 1	20	DFT-S-OFDM	QPSK	50	28	20.41	0	1.1	0.491
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-48

DSI = 1 Plimit Calculations - NR Band n71 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 [g]	Plimit
MHz	Ch.													(W/kg)	
680.50	136100	Md	back	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	1	1	19.82	0.00	1.1	0.563
680.50	136100	Md	back	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	50	0	19.72	0.00	1.1	0.569
680.50	136100	Md	back	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	100	0	19.55	0.00	1.1	0.539
680.50	136100	Md	top	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	1	1	19.82	0.00	1.1	0.649
680.50	136100	Md	top	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	50	0	19.72	0.00	1.1	0.657
680.50	136100	Md	top	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	100	0	19.55	0.00	1.1	0.636
680.50	136100	Md	top	0 mm	NR Band n71	Ant 3	20	CP-OFDM	QPSK	1	1	19.52	0.00	1.1	0.569
680.50	136100	Md	bottom	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	1	1	19.82	0.00	1.1	0.021
680.50	136100	Md	bottom	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	50	0	19.72	0.00	1.1	0.020
680.50	136100	Md	right	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	1	1	19.82	0.00	1.1	0.272
680.50	136100	Md	right	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	50	0	19.72	0.00	1.1	0.272
680.50	136100	Md	left	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	1	1	19.82	0.00	1.1	0.038
680.50	136100	Md	left	0 mm	NR Band n71	Ant 3	20	DFT-S-OFDM	QPSK	50	0	19.72	0.00	1.1	0.039
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-49

DSI = 1 Plimit Calculations - NR Band n12 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 [g]	Plimit
MHz	Ch.													(W/kg)	
707.50	141500	Md	back	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	1	1	18.82	0	1.1	0.616
707.50	141500	Md	back	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	36	0	18.67	0	1.1	0.562
707.50	141500	Md	back	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	75	0	18.66	0	1.1	0.515
707.50	141500	Md	back	0 mm	NR Band n12	Ant 1	15	CP-OFDM	QPSK	1	1	18.78	0	1.1	0.614
707.50	141500	Md	top	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	1	1	18.82	0	1.1	0.012
707.50	141500	Md	top	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	36	0	18.67	0	1.1	0.015
707.50	141500	Md	bottom	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	1	1	18.82	0	1.1	0.398
707.50	141500	Md	bottom	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	36	0	18.67	0	1.1	0.373
707.50	141500	Md	right	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	1	1	18.82	0	1.1	0.024
707.50	141500	Md	right	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	36	0	18.67	0	1.1	0.025
707.50	141500	Md	left	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	1	1	18.82	0	1.1	0.270
707.50	141500	Md	left	0 mm	NR Band n12	Ant 1	15	DFT-S-OFDM	QPSK	36	0	18.67	0	1.1	0.275
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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Table A-50
DSI = 1 Plimit Calculations - NR Band n12 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 (g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	141500	Md	back	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	1	1	18.56	0.00	1.1	0.697	19.16
707.50	141500	Md	back	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	36	0	18.52	0.00	1.1	0.640	19.49
707.50	141500	Md	back	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	75	0	18.45	0.00	1.1	0.691	19.09
707.50	141500	Md	back	0 mm	NR Band n12	Ant 3	15	CP-OFDM	QPSK	1	1	18.42	0.00	1.1	0.626	19.49
707.50	141500	Md	top	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	1	1	18.56	0.00	1.1	0.572	20.02
707.50	141500	Md	top	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	36	0	18.52	0.00	1.1	0.551	20.14
707.50	141500	Md	bottom	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	1	1	18.56	0.00	1.1	0.016	35.55
707.50	141500	Md	bottom	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	36	0	18.52	0.00	1.1	0.016	35.51
707.50	141500	Md	right	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	1	1	18.56	0.00	1.1	0.169	25.31
707.50	141500	Md	right	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	36	0	18.52	0.00	1.1	0.163	25.43
707.50	141500	Md	left	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	1	1	18.56	0.00	1.1	0.015	35.83
707.50	141500	Md	left	0 mm	NR Band n12	Ant 3	15	DFT-S-OFDM	QPSK	36	0	18.52	0.00	1.1	0.026	33.40
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-11
DSI = 1 Plimit Calculations - NR Band n14 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 (g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
793.00	158600	Md	back	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	1	26	19.56	0	1.1	0.657	20.42
793.00	158600	Md	back	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	25	14	19.50	0	1.1	0.637	20.49
793.00	158600	Md	back	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	90	0	19.45	0	1.1	0.627	20.51
793.00	158600	Md	back	0 mm	NR Band n14	Ant 1	10	CP-OFDM	QPSK	1	1	19.33	0	1.1	0.630	20.37
793.00	158600	Md	top	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	1	26	19.56	0	1.1	0.627	34.28
793.00	158600	Md	top	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	25	14	19.50	0	1.1	0.628	34.06
793.00	158600	Md	bottom	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	1	26	19.56	0	1.1	0.547	21.21
793.00	158600	Md	bottom	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	25	14	19.50	0	1.1	0.521	21.36
793.00	158600	Md	right	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	1	26	19.56	0	1.1	0.037	32.91
793.00	158600	Md	right	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	25	14	19.50	0	1.1	0.029	32.62
793.00	158600	Md	left	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	1	26	19.56	0	1.1	0.448	22.08
793.00	158600	Md	left	0 mm	NR Band n14	Ant 1	10	DFT-S-OFDM	QPSK	25	14	19.50	0	1.1	0.447	22.03
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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Table A-52
DSI = 1 Plimit Calculations - NR Band n14 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 [g]	Plimit
MHz	Ch.													(W/kg)	
793.00	158600	Md	back	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	1	50	19.47	0.00	1.1	0.575	20.90
793.00	158600	Md	back	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	25	14	19.34	0.00	1.1	0.593	20.64
793.00	158600	Md	top	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	1	50	19.47	0.00	1.1	0.645	20.41
793.00	158600	Md	top	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	25	14	19.34	0.00	1.1	0.636	20.34
793.00	158600	Md	top	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	50	0	19.33	0.00	1.1	0.645	20.27
793.00	158600	Md	top	NR Band n14	Ant 3	10	CP-OFDM	QPSK	1	1	19.37	0.00	1.1	0.670	20.14
793.00	158600	Md	bottom	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	1	50	19.47	0.00	1.1	0.617	36.20
793.00	158600	Md	bottom	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	25	14	19.34	0.00	1.1	0.619	35.58
793.00	158600	Md	right	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	1	50	19.47	0.00	1.1	0.212	25.24
793.00	158600	Md	right	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	25	14	19.34	0.00	1.1	0.227	24.81
793.00	158600	Md	left	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	1	50	19.47	0.00	1.1	0.029	33.88
793.00	158600	Md	left	NR Band n14	Ant 3	10	DFT-S-OFDM	QPSK	25	14	19.34	0.00	1.1	0.029	33.75
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-53
DSI = 1 Plimit Calculations - NR Band n5 (Cell) 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 [g]	Plimit
MHz	Ch.													(W/kg)	
836.50	167300	Md	back	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	1	1	18.66	0	1.1	0.616	19.80
836.50	167300	Md	back	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	50	0	18.56	0	1.1	0.547	20.21
836.50	167300	Md	back	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	100	0	18.52	0	1.1	0.512	20.46
836.50	167300	Md	back	NR Band n5 (Cell)	Ant 1	20	CP-OFDM	QPSK	1	1	18.48	0	1.1	0.605	19.69
836.50	167300	Md	top	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	1	1	18.66	0	1.1	0.613	36.55
836.50	167300	Md	top	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	50	0	18.56	0	1.1	0.614	36.13
836.50	167300	Md	bottom	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	1	1	18.66	0	1.1	0.441	21.25
836.50	167300	Md	bottom	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	50	0	18.56	0	1.1	0.418	21.38
836.50	167300	Md	right	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	1	1	18.66	0	1.1	0.027	33.38
836.50	167300	Md	right	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	50	0	18.56	0	1.1	0.027	33.28
836.50	167300	Md	left	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	1	1	18.66	0	1.1	0.363	22.09
836.50	167300	Md	left	NR Band n5 (Cell)	Ant 1	20	DFT-S-OFDM	QPSK	50	0	18.56	0	1.1	0.359	22.04
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-54
DSI = 1 Plimit Calculations - NR Band n5 (Cell) 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 [g]	Plimit
MHz	Ch.													(W/kg)	
836.50	167300	Md	back	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	1	1	18.24	0.00	1.1	0.560	19.79
836.50	167300	Md	back	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	50	0	18.19	0.00	1.1	0.540	19.90
836.50	167300	Md	top	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	1	1	18.24	0.00	1.1	0.644	19.18
836.50	167300	Md	top	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	50	0	18.19	0.00	1.1	0.647	19.11
836.50	167300	Md	top	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	100	0	18.13	0.00	1.1	0.634	19.14
836.50	167300	Md	top	NR Band n5 (Cell)	Ant 3	20	CP-OFDM	QPSK	1	1	18.06	0.00	1.1	0.675	18.82
836.50	167300	Md	bottom	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	1	1	18.24	0.00	1.1	0.617	34.97
836.50	167300	Md	bottom	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	50	0	18.19	0.00	1.1	0.617	34.92
836.50	167300	Md	right	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	1	1	18.24	0.00	1.1	0.300	22.50
836.50	167300	Md	right	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	50	0	18.19	0.00	1.1	0.300	22.45
836.50	167300	Md	left	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	1	1	18.24	0.00	1.1	0.025	33.29
836.50	167300	Md	left	NR Band n5 (Cell)	Ant 3	20	DFT-S-OFDM	QPSK	50	0	18.19	0.00	1.1	0.023	33.60
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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Table A-55

DSI = 1 Plimit Calculations - NR Band n26 (Cell) 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 [g]	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
819.00	163800	Low	back	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	1	1	18.49	0	1:1	0.569	19.97
833.50	166300	Mid	back	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	1	1	18.36	0	1:1	0.572	19.82
844.00	168800	High	back	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	1	26	18.50	0	1:1	0.504	20.51
819.00	163800	Low	back	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	25	0	18.47	0	1:1	0.590	19.79
833.50	166300	Mid	back	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	25	0	18.32	0	1:1	0.563	19.85
844.00	168800	High	back	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	25	0	18.45	0	1:1	0.555	20.04
819.00	163800	Low	back	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	50	0	18.40	0	1:1	0.685	19.07
n/A	019000	High	back	0 mm	NR Band n26 (Cell)	Ant 1	10	CP-OFDM	QPSK	1	1	18.49	0	1:1	0.691	19.13
844.00	168800	High	top	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	1	26	18.50	0	1:1	0.016	35.49
819.00	163800	Low	top	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	25	0	18.47	0	1:1	0.011	37.09
844.00	168800	High	bottom	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	1	26	18.50	0	1:1	0.385	21.68
819.00	163800	Low	bottom	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	25	0	18.47	0	1:1	0.427	21.20
844.00	168800	High	right	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	1	26	18.50	0	1:1	0.028	33.06
819.00	163800	Low	right	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	25	0	18.47	0	1:1	0.014	36.04
844.00	168800	High	left	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	1	26	18.50	0	1:1	0.389	21.63
819.00	163800	Low	left	0 mm	NR Band n26 (Cell)	Ant 1	10	DFT-S-OFDM	QPSK	25	0	18.47	0	1:1	0.321	22.44
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-56

DSI = 1 Plimit Calculations - NR Band n26 (Cell) 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 [g]	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
819.00	163800	Low	back	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	1	1	18.20	0.00	1:1	0.582	19.58
819.00	163800	Low	back	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	25	0	18.12	0.00	1:1	0.566	19.62
819.00	163800	Low	top	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	1	1	18.20	0.00	1:1	0.655	19.07
833.50	166300	Mid	top	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	1	26	18.10	0.00	1:1	0.561	19.49
844.00	168800	High	top	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	1	26	18.14	0.00	1:1	0.586	19.49
819.00	163800	Low	top	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	25	0	18.12	0.00	1:1	0.637	19.11
833.50	166300	Mid	top	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	25	0	18.10	0.00	1:1	0.612	19.26
844.00	168800	High	top	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	25	14	18.09	0.00	1:1	0.593	19.39
819.00	163800	Low	top	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	50	0	18.09	0.00	1:1	0.580	19.49
819.00	163800	Low	bottom	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	1	1	18.20	0.00	1:1	0.014	35.77
819.00	163800	Low	bottom	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	25	0	18.12	0.00	1:1	0.009	37.61
819.00	163800	Low	right	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	1	1	18.20	0.00	1:1	0.275	22.84
819.00	163800	Low	right	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	25	0	18.12	0.00	1:1	0.258	23.03
819.00	163800	Low	left	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	1	1	18.20	0.00	1:1	0.021	34.01
819.00	163800	Low	left	0 mm	NR Band n26 (Cell)	Ant 3	10	DFT-S-OFDM	QPSK	25	0	18.12	0.00	1:1	0.021	33.93
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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Table A-57
DSI = 1 Plimit Calculations - NR Band n70 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 [g]	Plimit
MHz	Ch.													(W/kg)	
1702.50	340500	Md	back	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	1	40	14.65	0	1.1	0.571
1702.50	340500	Md	back	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	36	43	14.57	0	1.1	0.452
1702.50	340500	Md	top	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	1	40	14.65	0	1.1	0.011
1702.50	340500	Md	top	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	36	43	14.57	0	1.1	0.012
1702.50	340500	Md	bottom	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	1	40	14.65	0	1.1	0.154
1702.50	340500	Md	bottom	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	36	43	14.57	0	1.1	0.148
1702.50	340500	Md	right	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	1	40	14.65	0	1.1	0.000
1702.50	340500	Md	right	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	36	43	14.57	0	1.1	0.000
1702.50	340500	Md	left	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	1	40	14.65	0	1.1	0.064
1702.50	340500	Md	left	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	36	43	14.57	0	1.1	0.014
1702.50	340500	Md	left	0 mm	NR Band n70	Ant 1	15	DFT-S-OFDM	QPSK	75	0	14.50	0	1.1	0.613
1702.50	340500	Md	left	0 mm	NR Band n70	Ant 1	15	CP-OFDM	QPSK	1	1	14.45	0	1.1	0.585
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-58
DSI = 1 Plimit Calculations - NR Band n70 Ant 2b

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR [g]	Plimit
MHz	Ch.													(W/kg)	
1702.50	340500	Md	back	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	1	40	13.90	0	1.1	0.427
1702.50	340500	Md	back	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	36	43	13.71	0	1.1	0.444
1702.50	340500	Md	top	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	1	40	13.90	0	1.1	0.000
1702.50	340500	Md	top	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	36	43	13.71	0	1.1	0.000
1702.50	340500	Md	bottom	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	1	40	13.90	0	1.1	0.069
1702.50	340500	Md	bottom	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	36	43	13.71	0	1.1	0.046
1702.50	340500	Md	bottom	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	75	0	13.68	0	1.1	0.582
1702.50	340500	Md	bottom	0 mm	NR Band n70	Ant 2b	15	CP-OFDM	QPSK	1	1	13.63	0	1.1	0.592
1702.50	340500	Md	right	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	1	40	13.90	0	1.1	0.022
1702.50	340500	Md	right	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	36	43	13.71	0	1.1	0.023
1702.50	340500	Md	left	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	1	40	13.90	0	1.1	0.005
1702.50	340500	Md	left	0 mm	NR Band n70	Ant 2b	15	DFT-S-OFDM	QPSK	36	43	13.71	0	1.1	0.003
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-59
DSI = 1 Plimit Calculations - NR Band n70 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 [g]	Plimit
MHz	Ch.													(W/kg)	
1702.50	340500	Md	back	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	1	1	14.44	0.00	1.1	0.328
1702.50	340500	Md	back	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	36	22	14.35	0.00	1.1	0.309
1702.50	340500	Md	top	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	1	1	14.44	0.00	1.1	0.123
1702.50	340500	Md	top	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	36	22	14.35	0.00	1.1	0.129
1702.50	340500	Md	bottom	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	1	1	14.44	0.00	1.1	0.017
1702.50	340500	Md	bottom	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	36	22	14.35	0.00	1.1	0.014
1702.50	340500	Md	right	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	1	1	14.44	0.00	1.1	0.536
1702.50	340500	Md	right	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	36	22	14.35	0.00	1.1	0.531
1702.50	340500	Md	right	0 mm	NR Band n70	Ant 3	15	CP-OFDM	QPSK	1	1	14.33	0.00	1.1	0.579
1702.50	340500	Md	left	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	1	1	14.44	0.00	1.1	0.000
1702.50	340500	Md	left	0 mm	NR Band n70	Ant 3	15	DFT-S-OFDM	QPSK	36	22	14.35	0.00	1.1	0.000
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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Table A-60
DSI = 1 Plimit Calculations - NR Band n70 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 [g]	Plimit
MHz	Ch.													(W/kg)	
1702.50	340500	Md	back	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	1	40	12.33	0.00	1.1	0.530	14.12
1702.50	340500	Md	back	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	36	43	12.26	0.00	1.1	0.521	14.12
1702.50	340500	Md	back	NR Band n70	Ant 4b	15	CP-OFDM	QPSK	1	1	0.00	0.00	1.1	0.505	2.00
1702.50	340500	Md	top	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	1	40	12.33	0.00	1.1	0.526	14.15
1702.50	340500	Md	top	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	36	43	12.26	0.00	1.1	0.506	14.25
1702.50	340500	Md	bottom	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	1	40	12.33	0.00	1.1	0.003	36.59
1702.50	340500	Md	bottom	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	36	43	12.26	0.00	1.1	0.003	36.52
1702.50	340500	Md	right	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	1	40	12.33	0.00	1.1	0.003	36.59
1702.50	340500	Md	right	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	36	43	12.26	0.00	1.1	0.003	36.52
1702.50	340500	Md	left	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	1	40	12.33	0.00	1.1	0.047	24.64
1702.50	340500	Md	left	NR Band n70	Ant 4b	15	DFT-S-OFDM	QPSK	36	43	12.26	0.00	1.1	0.044	24.86
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-61
DSI = 1 Plimit Calculations - NR Band n66 (AWS) 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 [g]	Plimit
MHz	Ch.													(W/kg)	
1745.00	349000	Md	back	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.767	14.80
1745.00	349000	Md	back	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	108	108	14.65	0	1.1	0.610	15.83
1745.00	349000	Md	back	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	216	0	14.58	0	1.1	0.719	15.04
1745.00	349000	Md	back	NR Band n66 (AWS)	Ant 1	40	CP-OFDM	QPSK	1	1	14.64	0	1.1	0.777	14.77
1745.00	349000	Md	top	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.016	31.61
1745.00	349000	Md	top	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	108	108	14.65	0	1.1	0.025	25.70
1745.00	349000	Md	bottom	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.182	21.05
1745.00	349000	Md	bottom	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	108	108	14.65	0	1.1	0.177	21.20
1745.00	349000	Md	right	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.000	43.65
1745.00	349000	Md	right	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	108	108	14.65	0	1.1	0.000	43.68
1745.00	349000	Md	left	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.688	15.21
1745.00	349000	Md	left	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	108	108	14.65	0	1.1	0.688	15.43
1745.00	349000	Md	left	NR Band n66 (AWS)	Ant 1	40	DFT-S-OFDM	QPSK	216	0	14.58	0	1.1	0.679	15.29
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-62
DSI = 1 Plimit Calculations - NR Band n66 (AWS) Ant 2b

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR [g]	Plimit
MHz	Ch.													(W/kg)	
1745.00	349000	Md	back	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	14.49	0	1.1	0.515	16.40
1745.00	349000	Md	back	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	14.51	0	1.1	0.502	16.53
1745.00	349000	Md	top	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	14.49	0	1.1	0.000	43.52
1745.00	349000	Md	top	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	14.51	0	1.1	0.000	43.54
1745.00	349000	Md	bottom	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	14.49	0	1.1	0.777	14.62
1745.00	349000	Md	bottom	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	14.51	0	1.1	0.763	14.72
1745.00	349000	Md	bottom	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	216	0	14.47	0	1.1	0.757	14.71
1745.00	349000	Md	bottom	NR Band n66 (AWS)	Ant 2b	40	CP-OFDM	QPSK	1	1	14.44	0	1.1	0.723	14.88
1745.00	349000	Md	right	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	14.49	0	1.1	0.035	28.08
1745.00	349000	Md	right	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	14.51	0	1.1	0.032	28.49
1745.00	349000	Md	left	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	14.49	0	1.1	0.003	38.75
1745.00	349000	Md	left	NR Band n66 (AWS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	14.51	0	1.1	0.003	38.77
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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Table A-63

DSI = 1 Plimit Calculations - NR Band n66 (AWS) 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 [g]	Plimit
MHz	Ch.													(W/kg)	
1745.00	349000	Md	back	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	1	214	14.44	0.00	1.1	0.340
1745.00	349000	Md	back	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	108	0	14.45	0.00	1.1	0.378
1745.00	349000	Md	top	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	1	214	14.44	0.00	1.1	0.162
1745.00	349000	Md	top	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	108	0	14.45	0.00	1.1	0.163
1745.00	349000	Md	bottom	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	1	214	14.44	0.00	1.1	0.022
1745.00	349000	Md	bottom	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	108	0	14.45	0.00	1.1	0.022
1745.00	349000	Md	right	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	1	214	14.44	0.00	1.1	0.546
1745.00	349000	Md	right	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	108	0	14.45	0.00	1.1	0.585
1745.00	349000	Md	right	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	216	0	14.42	0.00	1.1	0.621
1745.00	349000	Md	right	0 mm	NR Band n66 (AWS)	Ant 3	40	CP-OFDM	QPSK	1	1	14.38	0.00	1.1	0.596
1745.00	349000	Md	left	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	1	214	14.44	0.00	1.1	0.003
1745.00	349000	Md	left	0 mm	NR Band n66 (AWS)	Ant 3	40	DFT-S-OFDM	QPSK	108	0	14.45	0.00	1.1	0.002
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-64

DSI = 1 Plimit Calculations - NR Band n66 (AWS) 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 [g]	Plimit
MHz	Ch.													(W/kg)	
1745.00	349000	Md	back	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	1	12.20	0.00	1.1	0.606
1745.00	349000	Md	back	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	12.23	0.00	1.1	0.712
1745.00	349000	Md	back	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	216	0	12.19	0.00	1.1	0.646
1745.00	349000	Md	back	0 mm	NR Band n66 (AWS)	Ant 4b	40	CP-OFDM	QPSK	1	1	12.17	0.00	1.1	0.652
1745.00	349000	Md	top	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	1	12.20	0.00	1.1	0.599
1745.00	349000	Md	top	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	12.23	0.00	1.1	0.605
1745.00	349000	Md	bottom	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	1	12.20	0.00	1.1	0.606
1745.00	349000	Md	bottom	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	12.23	0.00	1.1	0.604
1745.00	349000	Md	right	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	1	12.20	0.00	1.1	0.003
1745.00	349000	Md	right	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	12.23	0.00	1.1	0.005
1745.00	349000	Md	left	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	1	12.20	0.00	1.1	0.051
1745.00	349000	Md	left	0 mm	NR Band n66 (AWS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	12.23	0.00	1.1	0.051
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-65

DSI = 1 Plimit Calculations - NR Band n25 (PCS) 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 [g]	Plimit
MHz	Ch.													(W/kg)	
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.50	0	1.1	0.616
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	108	0	14.46	0	1.1	0.595
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.50	0	1.1	0.017
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	108	0	14.46	0	1.1	0.018
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.50	0	1.1	0.234
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	108	0	14.46	0	1.1	0.186
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.50	0	1.1	0.003
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	108	0	14.46	0	1.1	0.003
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	1	1	14.50	0	1.1	0.623
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	108	0	14.46	0	1.1	0.603
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 1	40	DFT-S-OFDM	QPSK	216	0	14.45	0	1.1	0.625
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 1	40	CP-OFDM	QPSK	1	1	14.30	0	1.1	0.642
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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Table A-66

DSI = 1 Plimit Calculations - NR Band n25 (PCS) Ant 2b

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR [g]	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	13.35	0	1.1	0.528	15.15	13.95
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	108	13.31	0	1.1	0.523	15.16	
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	13.35	0	1.1	0.009	32.84	
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	108	13.31	0	1.1	0.002	39.33	
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	13.35	0	1.1	0.659	14.19	
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	108	13.31	0	1.1	0.650	14.21	
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	216	0	13.23	0	1.1	0.635	14.23	
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 2b	40	CP-OFDM	QPSK	1	1	13.12	0	1.1	0.661	13.95	
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	13.35	0	1.1	0.031	27.47	
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	108	13.31	0	1.1	0.029	27.72	
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	1	108	13.35	0	1.1	0.004	36.36	
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 2b	40	DFT-S-OFDM	QPSK	108	108	13.31	0	1.1	0.003	37.57	
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-67

DSI = 1 Plimit Calculations - NR Band n25 (PCS) 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 [g]	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	1	108	16.06	0.00	1.1	0.660	16.90
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	108	108	16.02	0.00	1.1	0.638	17.00
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	216	0	15.62	0.00	1.1	0.640	16.59
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	1	108	16.06	0.00	1.1	0.423	18.83
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	108	108	16.02	0.00	1.1	0.430	18.72
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	1	108	16.06	0.00	1.1	0.003	40.32
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	108	108	16.02	0.00	1.1	0.000	45.05
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	1	108	16.06	0.00	1.1	0.673	16.81
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	108	108	16.02	0.00	1.1	0.665	16.82
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	216	0	15.62	0.00	1.1	0.675	16.36
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 3	40	CP-OFDM	QPSK	1	1	15.95	0.00	1.1	0.676	16.68
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	1	108	16.06	0.00	1.1	0.000	45.09
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 3	40	DFT-S-OFDM	QPSK	108	108	16.02	0.00	1.1	0.000	45.05
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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Table A-68

DSI = 1 Plimit Calculations - NR Band n25 (PCS) 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 (g)	Plimit	Overall Plimit	
MHz	Ch.													(mW/g)			
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	12.21	0.00	1.1	0.699	12.80	12.40
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	54	12.17	0.00	1.1	0.759	12.40	
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	216	0	12.16	0.00	1.1	0.707	12.70	
1882.50	376500	Md	back	0 mm	NR Band n25 (PCS)	Ant 4b	40	CP-OFDM	QPSK	1	1	12.06	0.00	1.1	0.691	12.70	
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	12.21	0.00	1.1	0.639	13.19	
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	54	12.17	0.00	1.1	0.624	13.25	
1882.50	376500	Md	top	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	216	0	12.16	0.00	1.1	0.660	13.00	
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	12.21	0.00	1.1	0.000	41.24	
1882.50	376500	Md	bottom	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	54	12.17	0.00	1.1	0.000	41.20	
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	12.21	0.00	1.1	0.004	35.22	
1882.50	376500	Md	right	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	54	12.17	0.00	1.1	0.005	34.21	
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	12.21	0.00	1.1	0.043	24.91	
1882.50	376500	Md	left	0 mm	NR Band n25 (PCS)	Ant 4b	40	DFT-S-OFDM	QPSK	108	54	12.17	0.00	1.1	0.045	24.67	
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-69

DSI = 1 Plimit Calculations - NR Band n30 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 (g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.578	16.03	15.20
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	25	0	14.45	0	1.1	0.566	15.95	
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.007	35.20	
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	25	0	14.45	0	1.1	0.006	35.70	
2310.00	462000	Md	bottom	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.196	20.96	
2310.00	462000	Md	bottom	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	25	0	14.45	0	1.1	0.181	20.90	
2310.00	462000	Md	right	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.002	40.64	
2310.00	462000	Md	right	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	25	0	14.45	0	1.1	0.002	40.47	
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	1	1	14.62	0	1.1	0.658	15.47	
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	25	0	14.45	0	1.1	0.616	15.59	
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 1	10	DFT-S-OFDM	QPSK	50	0	14.43	0	1.1	0.670	15.20	
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 1	10	CP-OFDM	QPSK	1	1	14.57	0	1.1	0.659	15.41	
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-70

DSI = 1 Plimit Calculations - NR Band n30 Ant 2b

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (g)		Plimit	Overall Plimit
MHz	Ch.													(W/kg)			
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	1	50	12.31	0	1.1	0.668	13.09	12.94
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	25	0	12.30	0	1.1	0.619	13.41	
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	50	0	12.29	0	1.1	0.689	12.94	
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 2b	10	CP-OFDM	QPSK	1	1	12.27	0	1.1	0.655	13.14	
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	1	50	12.31	0	1.1	0.006	33.56	
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	25	0	12.30	0	1.1	0.004	35.31	
2310.00	462000	Md	bottom	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	1	50	12.31	0	1.1	0.429	15.02	
2310.00	462000	Md	bottom	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	25	0	12.30	0	1.1	0.419	15.11	
2310.00	462000	Md	right	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	1	50	12.31	0	1.1	0.042	25.11	
2310.00	462000	Md	right	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	25	0	12.30	0	1.1	0.040	25.31	
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	1	50	12.31	0	1.1	0.030	26.57	
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 2b	10	DFT-S-OFDM	QPSK	25	0	12.30	0	1.1	0.028	26.86	
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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Table A-71

DSI = 1 Plimit Calculations - NR Band n30 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 (lg) (W/kg)	Plimit	Overall Plimit
MHz	Ch.															
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	1	1	16.67	0.00	1.1	0.390	19.79
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	25	0	16.56	0.00	1.1	0.386	19.73
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	1	1	16.67	0.00	1.1	0.608	17.86
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	25	0	16.56	0.00	1.1	0.528	18.36
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	50	0	16.54	0.00	1.1	0.574	17.98
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 3	10	CP-OFDM	QPSK	1	1	16.55	0.00	1.1	0.570	18.02
2310.00	462000	Md	bottom	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	1	1	16.67	0.00	1.1	0.007	37.25
2310.00	462000	Md	bottom	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	25	0	16.56	0.00	1.1	0.007	37.14
2310.00	462000	Md	right	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	1	1	16.67	0.00	1.1	0.478	18.91
2310.00	462000	Md	right	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	25	0	16.56	0.00	1.1	0.480	18.78
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	1	1	16.67	0.00	1.1	0.014	34.24
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 3	10	DFT-S-OFDM	QPSK	25	0	16.56	0.00	1.1	0.015	33.83
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-72

DSI = 1 Plimit Calculations - NR Band n30 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 (lg) (W/kg)	Plimit	Overall Plimit
MHz	Ch.															
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	1	50	11.13	0.00	1.1	0.580	12.53
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	25	14	11.11	0.00	1.1	0.572	12.57
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	50	0	11.10	0.00	1.1	0.582	12.48
2310.00	462000	Md	back	0 mm	NR Band n30	Ant 4b	10	CP-OFDM	QPSK	1	1	11.25	0.00	1.1	0.604	12.47
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	1	50	11.13	0.00	1.1	0.529	12.93
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	25	14	11.11	0.00	1.1	0.522	12.96
2310.00	462000	Md	top	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	50	0	11.10	0.00	1.1	0.519	12.98
2310.00	462000	Md	bottom	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	1	50	11.13	0.00	1.1	0.000	40.16
2310.00	462000	Md	bottom	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	25	14	11.11	0.00	1.1	0.001	40.14
2310.00	462000	Md	right	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	1	50	11.13	0.00	1.1	0.007	31.71
2310.00	462000	Md	right	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	25	14	11.11	0.00	1.1	0.007	31.69
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	1	50	11.13	0.00	1.1	0.032	25.11
2310.00	462000	Md	left	0 mm	NR Band n30	Ant 4b	10	DFT-S-OFDM	QPSK	25	14	11.11	0.00	1.1	0.030	25.37
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-73

DSI = 1 Plimit Calculations - NR Band n7 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 (lg) (W/kg)	Plimit	Overall Plimit
MHz	Ch.															
2535.00	507000	Md	back	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	1	108	12.96	0	1.1	0.331	16.79
2535.00	507000	Md	back	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	108	108	12.87	0	1.1	0.313	16.95
2535.00	507000	Md	top	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	1	108	12.96	0	1.1	0.029	27.37
2535.00	507000	Md	top	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	108	0	12.77	0	1.1	0.036	26.24
2535.00	507000	Md	bottom	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	1	108	12.96	0	1.1	0.164	19.84
2535.00	507000	Md	bottom	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	108	108	12.87	0	1.1	0.164	19.75
2535.00	507000	Md	right	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	1	108	12.96	0	1.1	0.000	41.99
2535.00	507000	Md	right	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	108	0	12.77	0	1.1	0.002	38.79
2535.00	507000	Md	left	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	1	108	12.96	0	1.1	0.805	14.17
2535.00	507000	Md	left	0 mm	NR Band n7	Ant 1	40	DFT-S-OFDM	QPSK	108	108	12.87	0	1.1	0.588	14.21
2535.00	507000	Md	left	0 mm	NR Band n7	Ant 1	40	CP-OFDM	QPSK	1	1	12.83	0	1.1	0.647	13.75
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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Table A-74

DSI = 1 Plimit Calculations - NR Band n7 Ant 2b

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (g)	Plimit
MHz	Ch.													(W/kg)	
2535.00	507000	Md	back	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	1	1	12.15	0	1.1	0.710
2535.00	507000	Md	back	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	12.11	0	1.1	0.688
2535.00	507000	Md	back	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	216	0	12.05	0	1.1	0.663
2535.00	507000	Md	back	0 mm	NR Band n7	Ant 2b	40	CP-OFDM	QPSK	1	1	12.20	0	1.1	0.700
2535.00	507000	Md	top	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	1	1	12.15	0	1.1	0.612
2535.00	507000	Md	top	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	12.11	0	1.1	0.608
2535.00	507000	Md	bottom	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	1	1	12.15	0	1.1	0.289
2535.00	507000	Md	bottom	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	12.11	0	1.1	0.262
2535.00	507000	Md	right	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	1	1	12.15	0	1.1	0.017
2535.00	507000	Md	right	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	12.11	0	1.1	0.018
2535.00	507000	Md	left	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	1	1	12.15	0	1.1	0.018
2535.00	507000	Md	left	0 mm	NR Band n7	Ant 2b	40	DFT-S-OFDM	QPSK	108	0	12.11	0	1.1	0.015
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-75

DSI = 1 Plimit Calculations - NR Band n7 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 (g)	Plimit
MHz	Ch.													(W/kg)	
2535.00	507000	Md	back	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	1	1	13.74	0.00	1.1	0.283
2535.00	507000	Md	back	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	108	108	13.77	0.00	1.1	0.286
2535.00	507000	Md	top	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	1	1	13.74	0.00	1.1	0.501
2535.00	507000	Md	top	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	108	108	13.77	0.00	1.1	0.528
2535.00	507000	Md	top	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	216	0	13.71	0.00	1.1	0.521
2535.00	507000	Md	top	0 mm	NR Band n7	Ant 3	40	CP-OFDM	QPSK	1	1	13.72	0.00	1.1	0.475
2535.00	507000	Md	bottom	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	1	1	13.74	0.00	1.1	0.001
2535.00	507000	Md	bottom	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	108	108	13.77	0.00	1.1	0.004
2535.00	507000	Md	right	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	1	1	13.74	0.00	1.1	0.114
2535.00	507000	Md	right	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	108	108	13.77	0.00	1.1	0.119
2535.00	507000	Md	left	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	1	1	13.74	0.00	1.1	0.000
2535.00	507000	Md	left	0 mm	NR Band n7	Ant 3	40	DFT-S-OFDM	QPSK	108	108	13.77	0.00	1.1	0.002
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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Table A-76

DSI = 1 Plimit Calculations - NR Band n7 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 [g]	Plimit
MHz	Ch.													(W/kg)	
2535.00	507000	Md	back	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	11.70	0.00	1.1	0.573	13.15
2535.00	507000	Md	back	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	11.63	0.00	1.1	0.547	13.28
2535.00	507000	Md	top	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	11.70	0.00	1.1	0.703	12.26
2535.00	507000	Md	top	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	11.63	0.00	1.1	0.697	12.23
2535.00	507000	Md	top	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	236	0	11.61	0.00	1.1	0.689	12.26
2535.00	507000	Md	top	NR Band n7	Ant 4b	40	CP-OFDM	QPSK	1	1	11.61	0.00	1.1	0.714	12.10
2535.00	507000	Md	bottom	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	11.70	0.00	1.1	0.000	40.73
2535.00	507000	Md	bottom	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	11.63	0.00	1.1	0.000	40.66
2535.00	507000	Md	right	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	11.70	0.00	1.1	0.010	30.73
2535.00	507000	Md	right	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	11.63	0.00	1.1	0.012	29.87
2535.00	507000	Md	left	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	1	108	11.70	0.00	1.1	0.037	25.05
2535.00	507000	Md	left	NR Band n7	Ant 4b	40	DFT-S-OFDM	QPSK	108	108	11.63	0.00	1.1	0.032	25.61
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-77

DSI = 1 Plimit Calculations - NR Band n41 PC2 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 [g]	Plimit
MHz	Ch.													(W/kg)	
2592.99	518598	Md	back	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	1	13.52	0.00	1.1	0.399	16.54
2592.99	518598	Md	back	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	0	13.58	0.00	1.1	0.363	17.01
2592.99	518598	Md	top	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	1	13.52	0.00	1.1	0.004	36.53
2592.99	518598	Md	top	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	0	13.58	0.00	1.1	0.006	34.83
2592.99	518598	Md	bottom	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	1	13.52	0.00	1.1	0.267	18.29
2592.99	518598	Md	bottom	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	0	13.58	0.00	1.1	0.274	18.23
2592.99	518598	Md	right	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	1	13.52	0.00	1.1	0.000	42.55
2592.99	518598	Md	right	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	0	13.58	0.00	1.1	0.000	42.61
2592.99	518598	Md	left	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	1	13.52	0.00	1.1	0.759	13.75
2592.99	518598	Md	left	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	0	13.58	0.00	1.1	0.658	14.43
2592.99	518598	Md	left	NR Band n41 PC2	Ant 1	100	DFT-S-OFDM	QPSK	270	0	13.51	0.00	1.1	0.534	15.27
2592.99	518598	Md	left	NR Band n41 PC2	Ant 1	100	CP-OFDM	QPSK	1	1	13.28	0.00	1.1	0.746	13.58
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-78

DSI = 1 Plimit Calculations - NR Band n41 PC2 Ant 2b

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR [g]	Plimit
MHz	Ch.													(W/kg)	
2592.99	518598	Md	back	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	1	271	11.64	0.00	1.1	0.779	11.76
2592.99	518598	Md	back	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	135	138	11.65	0.00	1.1	0.775	11.79
2592.99	518598	Md	back	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	270	0	11.60	0.00	1.1	0.760	11.71
2592.99	518598	Md	back	NR Band n41 PC2	Ant 2b	100	CP-OFDM	QPSK	1	1	11.51	0.00	1.1	0.789	11.57
2592.99	518598	Md	top	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	1	271	11.64	0.00	1.1	0.000	40.67
2592.99	518598	Md	top	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	135	138	11.65	0.00	1.1	0.000	40.68
2592.99	518598	Md	bottom	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	1	271	11.64	0.00	1.1	0.305	15.83
2592.99	518598	Md	bottom	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	135	138	11.65	0.00	1.1	0.289	16.07
2592.99	518598	Md	right	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	1	271	11.64	0.00	1.1	0.021	27.45
2592.99	518598	Md	right	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	135	138	11.65	0.00	1.1	0.020	27.67
2592.99	518598	Md	left	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	1	271	11.64	0.00	1.1	0.011	30.26
2592.99	518598	Md	left	NR Band n41 PC2	Ant 2b	100	DFT-S-OFDM	QPSK	135	138	11.65	0.00	1.1	0.017	28.38
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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Table A-79

DSI = 1 Plimit Calculations - NR Band n41 PC2 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 [g]	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Md	back	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	271	13.60	0.00	1.1	0.378	16.86
2592.99	518598	Md	back	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	13.54	0.00	1.1	0.330	17.39
2592.99	518598	Md	top	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	271	13.60	0.00	1.1	0.649	14.51
2592.99	518598	Md	top	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	13.54	0.00	1.1	0.576	14.97
2592.99	518598	Md	top	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	270	0	13.50	0.00	1.1	0.586	14.85
2592.99	518598	Md	top	0 mm	NR Band n41 PC2	Ant 3	100	CP-OFDM	QPSK	1	1	13.41	0.00	1.1	0.533	15.17
2592.99	518598	Md	bottom	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	271	13.60	0.00	1.1	0.004	36.61
2592.99	518598	Md	bottom	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	13.54	0.00	1.1	0.003	37.80
2592.99	518598	Md	right	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	271	13.60	0.00	1.1	0.204	19.53
2592.99	518598	Md	right	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	13.54	0.00	1.1	0.145	20.96
2592.99	518598	Md	left	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	271	13.60	0.00	1.1	0.011	32.22
2592.99	518598	Md	left	0 mm	NR Band n41 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	13.54	0.00	1.1	0.007	34.12
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-80

DSI = 1 Plimit Calculations - NR Band n41 PC2 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 [g]	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Md	back	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	11.20	0.00	1.1	0.521	13.06
2592.99	518598	Md	back	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	11.17	0.00	1.1	0.492	13.28
2592.99	518598	Md	back	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	270	0	11.14	0.00	1.1	0.444	13.70
2592.99	518598	Md	top	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	11.20	0.00	1.1	0.626	12.27
2592.99	518598	Md	top	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	11.17	0.00	1.1	0.610	12.35
2592.99	518598	High	top	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	270	0	11.14	0.00	1.1	0.583	12.51
2592.99	518598	Md	top	0 mm	NR Band n41 PC2	Ant 4b	100	CP-OFDM	QPSK	1	1	11.20	0.00	1.1	0.630	12.24
2592.99	518598	Md	bottom	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	11.20	0.00	1.1	0.000	40.23
2592.99	518598	Md	bottom	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	11.17	0.00	1.1	0.000	40.20
2592.99	518598	Md	right	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	11.20	0.00	1.1	0.012	29.44
2592.99	518598	Md	right	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	11.17	0.00	1.1	0.012	29.41
2592.99	518598	Md	left	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	11.20	0.00	1.1	0.033	25.05
2592.99	518598	Md	left	0 mm	NR Band n41 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	11.17	0.00	1.1	0.032	25.15
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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Table A-81

DSI = 1 Plimit Calculations - NR Band n77 PC2 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 [g]	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	271	10.66	0.00	1:1	0.361	14.14
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	137	10.66	0.00	1:1	0.565	12.17
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	69	10.57	0.00	1:1	0.413	13.44
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	69	10.63	0.00	1:1	0.589	11.96
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	270	0	10.53	0.00	1:1	0.566	12.03
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 1	100	CP-OFDM	QPSK	1	1	10.57	0.00	1:1	0.514	12.49
3930.00	662000	High	top	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	137	10.66	0.00	1:1	0.000	39.69
3930.00	662000	High	top	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	69	10.63	0.00	1:1	0.002	36.65
3750.00	650000	Low	bottom	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	271	10.66	0.00	1:1	0.270	15.40
3930.00	662000	High	bottom	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	137	10.66	0.00	1:1	0.434	13.32
3750.00	650000	Low	bottom	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	69	10.57	0.00	1:1	0.269	15.30
3930.00	662000	High	bottom	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	69	10.63	0.00	1:1	0.410	13.53
3930.00	662000	High	bottom	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	270	0	10.53	0.00	1:1	0.400	13.54
3930.00	662000	High	right	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	137	10.66	0.00	1:1	0.010	29.69
3930.00	662000	High	right	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	69	10.63	0.00	1:1	0.008	30.63
3750.00	650000	High	left	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	271	10.66	0.00	1:1	0.191	16.90
3930.00	662000	High	left	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	137	10.66	0.00	1:1	0.337	14.41
3750.00	650000	High	left	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	69	10.57	0.00	1:1	0.183	16.98
3930.00	662000	High	left	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	69	10.63	0.00	1:1	0.308	14.78
3930.00	662000	High	left	0 mm	NR Band n77 PC2	Ant 1	100	DFT-S-OFDM	QPSK	270	0	10.53	0.00	1:1	0.303	14.75
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-82

DSI = 1 Plimit Calculations - NR Band n77 PC2 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 [g]	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.65	0.00	1:1	0.550	12.28
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	1	10.64	0.00	1:1	0.628	11.69
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	69	10.60	0.00	1:1	0.618	11.72
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	0	10.56	0.00	1:1	0.650	11.46
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	270	0	10.55	0.00	1:1	0.620	11.66
3750.00	650000	Low	top	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.65	0.00	1:1	0.009	30.14
3750.00	650000	Low	top	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	69	10.60	0.00	1:1	0.007	31.18
3750.00	650000	Low	bottom	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.65	0.00	1:1	0.191	16.87
3750.00	650000	Low	bottom	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	69	10.60	0.00	1:1	0.188	16.89
3750.00	650000	Low	right	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.65	0.00	1:1	0.811	10.59
3930.00	662000	High	right	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	1	10.64	0.00	1:1	0.786	10.72
3750.00	650000	Low	right	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	69	10.60	0.00	1:1	0.737	10.96
3930.00	662000	High	right	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	0	10.56	0.00	1:1	0.836	10.37
3750.00	650000	Low	right	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	270	0	10.55	0.00	1:1	0.741	10.88
3750.00	650000	Low	right	0 mm	NR Band n77 PC2	Ant 2a	100	CP-OFDM	QPSK	1	1	10.66	0.00	1:1	0.707	11.20
3750.00	650000	Low	left	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.65	0.00	1:1	0.003	34.91
3750.00	650000	Low	left	0 mm	NR Band n77 PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	69	10.60	0.00	1:1	0.001	39.63
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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Table A-83
DSI = 1 Plimit Calculations - NR Band n77 PC2 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)			
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.18	0.00	1:1	0.816	11.09	11.04
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	137	10.93	0.00	1:1	0.766	11.12	
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	10.94	0.00	1:1	0.733	11.32	
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	10.86	0.00	1:1	0.706	11.40	
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	270	0	10.70	0.00	1:1	0.740	11.04	
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 3	100	CP-OFDM	QPSK	1	1	11.16	0.00	1:1	0.738	11.51	
3750.00	650000	Low	top	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.18	0.00	1:1	0.330	15.03	
3930.00	662000	High	top	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	137	10.93	0.00	1:1	0.569	12.41	
3750.00	650000	Low	top	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	10.94	0.00	1:1	0.340	14.66	
3930.00	662000	High	top	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	10.86	0.00	1:1	0.566	12.36	
3930.00	662000	High	top	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	270	0	10.70	0.00	1:1	0.560	12.25	
3750.00	650000	Low	bottom	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.18	0.00	1:1	0.002	37.20	
3750.00	650000	Low	bottom	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	10.94	0.00	1:1	0.000	39.97	
3750.00	650000	Low	right	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.18	0.00	1:1	0.063	22.22	
3750.00	650000	Low	right	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	10.94	0.00	1:1	0.074	21.28	
3750.00	650000	Low	left	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.18	0.00	1:1	0.019	27.42	
3750.00	650000	Low	left	0 mm	NR Band n77 PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	0	10.94	0.00	1:1	0.018	27.42	
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-84
DSI = 1 Plimit Calculations - NR Band n77 PC2 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)			
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	10.11	0.00	1:1	0.466	12.46	10.31
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	137	9.94	0.00	1:1	0.529	11.74	
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	10.14	0.00	1:1	0.511	12.09	
3930.00	662000	High	back	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	69	10.11	0.00	1:1	0.514	12.03	
3750.00	650000	Low	back	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	270	0	10.09	0.00	1:1	0.505	12.09	
3750.00	650000	Low	top	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	10.11	0.00	1:1	0.704	10.67	
3930.00	662000	High	top	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	137	9.94	0.00	1:1	0.733	10.32	
3750.00	650000	Low	top	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	10.14	0.00	1:1	0.708	10.67	
3930.00	662000	High	top	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	69	9.92	0.00	1:1	0.732	10.31	
3750.00	650000	Low	top	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	270	0	10.09	0.00	1:1	0.710	10.61	
3750.00	650000	Low	top	0 mm	NR Band n77 PC2	Ant 4b	100	CP-OFDM	QPSK	1	1	10.11	0.00	1:1	0.664	10.92	
3750.00	650000	Low	bottom	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	10.11	0.00	1:1	0.000	39.14	
3750.00	650000	Low	bottom	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	10.14	0.00	1:1	0.002	36.16	
3750.00	650000	Low	right	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	10.11	0.00	1:1	0.009	29.60	
3750.00	650000	Low	right	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	10.14	0.00	1:1	0.013	28.03	
3750.00	650000	Low	left	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	1	10.11	0.00	1:1	0.019	26.35	
3750.00	650000	Low	left	0 mm	NR Band n77 PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	0	10.14	0.00	1:1	0.019	26.38	
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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Table A-85
DSI = 1 Plimit Calculations - NR Band n77 DoD PC2 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)		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	271	11.35	0.00	1:1	0.572	12.81
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	138	11.27	0.00	1:1	0.492	13.38
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 1	100	CP-OFDM	QPSK	1	1	11.16	0.00	1:1	0.403	14.14
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	271	11.35	0.00	1:1	0.002	37.37
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	138	11.27	0.00	1:1	0.000	40.30
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	271	11.35	0.00	1:1	0.491	13.47
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	138	11.27	0.00	1:1	0.455	13.72
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	271	11.35	0.00	1:1	0.013	29.24
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	138	11.27	0.00	1:1	0.012	29.51
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	1	271	11.35	0.00	1:1	0.291	15.74
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD PC2	Ant 1	100	DFT-S-OFDM	QPSK	135	138	11.27	0.00	1:1	0.259	16.17
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-86
DSI = 1 Plimit Calculations - NR Band n77 DoD PC2 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)		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.63	0.00	1:1	0.715	11.12
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	0	10.52	0.00	1:1	0.643	11.47
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	270	0	10.51	0.00	1:1	0.701	11.08
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.63	0.00	1:1	0.007	31.21
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	0	10.52	0.00	1:1	0.004	33.53
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.63	0.00	1:1	0.268	15.38
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	0	10.52	0.00	1:1	0.282	15.05
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.63	0.00	1:1	0.748	10.92
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	0	10.52	0.00	1:1	0.822	10.40
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	270	0	10.51	0.00	1:1	0.803	10.49
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 2a	100	CP-OFDM	QPSK	1	1	10.44	0.00	1:1	0.855	10.15
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	1	271	10.63	0.00	1:1	0.003	34.89
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD PC2	Ant 2a	100	DFT-S-OFDM	QPSK	135	0	10.52	0.00	1:1	0.002	36.54
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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Table A-87

DSI = 1 Plimit Calculations - NR Band n77 DoD PC2 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 (lg)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.25	0.00	1:1	0.462	13.63
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	69	11.20	0.00	1:1	0.516	13.10
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	270	0	10.92	0.00	1:1	0.520	12.79
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 3	100	CP-OFDM	QPSK	1	1	11.14	0.00	1:1	0.514	13.06
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.25	0.00	1:1	0.374	14.55
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	69	11.20	0.00	1:1	0.366	14.60
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	270	0	10.92	0.00	1:1	0.404	13.89
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.25	0.00	1:1	0.000	40.28
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	69	11.20	0.00	1:1	0.000	40.23
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.25	0.00	1:1	0.065	22.15
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	69	11.20	0.00	1:1	0.057	22.67
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	1	1	11.25	0.00	1:1	0.010	30.28
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD PC2	Ant 3	100	DFT-S-OFDM	QPSK	135	69	11.20	0.00	1:1	0.017	27.93
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-88

DSI = 1 Plimit Calculations - NR Band n77 DoD PC2 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 (lg)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	271	9.22	0.00	1:1	0.312	13.31
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	69	9.15	0.00	1:1	0.316	13.18
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	271	9.22	0.00	1:1	0.442	11.80
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	69	9.15	0.00	1:1	0.444	11.71
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD PC2	Ant 4b	100	CP-OFDM	QPSK	1	1	9.92	0.00	1:1	0.476	12.17
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	271	9.22	0.00	1:1	0.003	33.48
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	69	9.15	0.00	1:1	0.001	38.18
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	271	9.22	0.00	1:1	0.009	28.71
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	69	9.15	0.00	1:1	0.005	31.19
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	1	271	9.22	0.00	1:1	0.012	27.46
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD PC2	Ant 4b	100	DFT-S-OFDM	QPSK	135	69	9.15	0.00	1:1	0.017	25.88
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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