APPENDIX E: MULTI-TX AND ANTENNA SAR CONSIDERATIONS

E.1 Introduction

The following procedures adopted from FCC KDB Publication 447498 D01v06 are applicable to devices with built-in unlicensed transmitters such as 802.11 and Bluetooth devices which may simultaneously transmit with the licensed transmitter.

E.2 Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore, simultaneous transmission analysis is required. Per FCC KDB Publication 447498 D01v06 and IEEE 1528-2013 Section 6.3.4.1.2, simultaneous transmission SAR test exclusion may be applied when the sum of the 1g SAR for all the simultaneous transmitting antennas in a specific a physical test configuration is ≤1.6 W/kg. The different test positions in an exposure condition may be considered collectively to determine SAR test exclusion according to the sum of 1g or 10g SAR.

In 5G + LTE + WLAN + BT simultaneous transmission, WWAN transmission is managed and controlled by MediaTeK TAS (TA-SAR/TA-PD) feature.

Since WLAN/BT does not employ time-averaging, 1g SAR measurements for WLAN/BT need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

MediaTek TAS (TA-SAR/TA-PD) current implementation assumes hotspots from 5G NR and UMTS/LTE are collocated. Therefore, for a total of 100% exposure margin, if UMTS/LTE uses x, then the exposure margin left for 5G NR is capped to y. Thus, the compliance equation for 5G + UMTS/LTE + WLAN + BT is

$$x * A + y * B + m \leq 1$$
$$x + y = g \leq 1$$
$$g + m \leq 1$$

Where, A is normalized reported time-averaged SAR exposure ratio from UMTS/LTE, and A ≤ 1.0; B is normalized reported time-averaged exposure ratio from 5G NR, and B ≤ 1.0. Let m = normalized reported time-averaged SAR exposure ratio from WLAN + BT, then for compliance

$$x * A + y * B + m \leq 1 \ (1)$$
$$x * A + y * B \leq x * \max(A, B) + (g - x) * \max(A, B) \leq \max(A, B)$$
$$x * A + (g - x) * B + m \leq \max(A, B) + m \leq 1.0 \ (2)$$

If A + m $\leq$ 1.0 and B + m $\leq$ 1.0 can be proven, then "x * A + y * B + m $\leq$ 1.0". Therefore, simultaneous transmission analysis for 5G NR + LTE + WLAN + BT can be performed in two steps.

Step 1: Prove total exposure ratio (TER) of UMTS/LTE + WLAN + BT < 1
Step 2: Prove total exposure ratio (TER) of 5G NR + WLAN + BT < 1

Else, if A + m > 1.0 and/or B + m >1.0, then the following need to hold true for compliance:

i. A and m need to be checked if decoupled based on SPLSR criteria
ii. $y * B + m \leq 1.0$ (or B and m need to be checked if decoupled based on SPLSR, and

iii. $x * A + y * B \leq 1.0$

Note iii is covered in Part 2 report; I, and ii are covered in the Part 1 report. Above analysis is also apply to LTE/NR inter band uplink, LTE(NR)1 + LTE(NR)2 + WLAN + BT simultaneous transmission, so inter-band uplink CA no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of LTE/NR + WLAN + BT < 1. Above analysis is also apply to NR band UL MIMO, NR(SISO1) + NR(SISO2) + WLAN + BT simultaneous transmission, So UL MIMO no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of NR + WLAN + BT < 1.

E.3 Tablet Power Density Theoretical Calculations

Table E-1
Worst Case PD Theoretical Exposure

PD Antennas - Theoretical Worst Case					
Antenna	PD Design Target (W/m^2)	PD Uncertainty (dB)	Permanent Back off (dB)	PD Limit (W/m^2)	Theoritical Ratio to Limit
L	7.41	1.3	3.6	10	0.436
K	7.41	1.3	1.1	10	0.776

Table E-2
PD Theoretical Exposure per Position at 2mm

PD Antennas - 2mm theoretical per position					
Antenna L					
Back	Front	Top	Bottom	Right	Left
0.436	0.040	0.008	0.218	0.099	0.002
Antenna K					
Back	Front	Top	Bottom	Right	Left
0.047	0.776	0.048	0.010	0.564	0.007

E.4 Tablet UMTS/LTE Simultaneous Analysis

Table E-3
UMTS/LTE Highest Adjusted SAR

	Configuration	UMTS/LTE SAR (W/kg)			UMTS/LTE Max
		M1	S2	S4	
Body	Back	0.618	0.768	0.908	0.908
	Top	0.830	0.400*	0.400*	0.830
	Bottom	0.400*	0.796	0.539	0.796
	Right	0.821	0.476	0.217	0.821
	Left	0.454	0.227	0.739	0.739

	Configuration	UMTS/LTE Ratio to Limit			UMTS/LTE Max
		M1	S2	S4	
Body	Back	0.386	0.480	0.568	0.568
	Top	0.519	0.250	0.250	0.519
	Bottom	0.250	0.498	0.337	0.498
	Right	0.513	0.298	0.136	0.513
	Left	0.284	0.142	0.462	0.462

* When the antenna separation distance was > 50 mm, an estimated SAR of 0.4 W/kg was used to determine the simultaneous transmission SAR exclusion for test positions excluded per FCC KDB Publication 447498 D01v06

Table E-4
Simultaneous Transmission Scenarios of WLAN/BT

Configuration	2.4 GHz WLAN Ant WIFI 0 SAR (W/kg)	2.4 GHz WLAN Ant WIFI 0 at 11 dBm SAR (W/kg)	2.4 GHz WLAN Ant WIFI 1 SAR (W/kg)	2.4 GHz WLAN Ant WIFI 1 at 11 dBm SAR (W/kg)	2.4 GHz WLAN Ant WIFI 1 at 9 dBm SAR (W/kg)	2.4 GHz WLAN MIMO SAR (W/kg)	2.4 GHz WLAN MIMO at 14 dBm SAR (W/kg)	2.4 GHz WLAN MIMO at 12 dBm SAR (W/kg)	5 GHz WLAN Ant WIFI 0 SAR (W/kg)	5 GHz WLAN Ant WIFI 0 at 7 dBm SAR (W/kg)	5 GHz WLAN Ant WIFI 1 SAR (W/kg)	5 GHz WLAN Ant WIFI 1 at 7 dBm SAR (W/kg)	5 GHz WLAN MIMO SAR (W/kg)	5 GHz WLAN MIMO at 10 dBm SAR (W/kg)	5 GHz WLAN MIMO at 8.5 dBm SAR (W/kg)	6 GHz WLAN Ant WIFI 0 SAR (W/kg)	6 GHz WLAN Ant WIFI 0 at 5.5 dBm SAR (W/kg)	6 GHz WLAN Ant WIFI 1 SAR (W/kg)	6 GHz WLAN Ant WIFI 1 at 5.5 dBm SAR (W/kg)	6 GHz WLAN MIMO SAR (W/kg)	6 GHz WLAN MIMO at 8.5 dBm SAR (W/kg)	6 GHz WLAN MIMO at 4.5 dBm SAR (W/kg)	2.4 GHz Bluetooth Ant WIFI 0 SAR (W/kg)	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm SAR (W/kg)	2.4 GHz Bluetooth Ant WIFI 1 SAR (W/kg)	2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm SAR (W/kg)
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Back	0.079	0.421	0.086	0.396	0.259	0.105	0.427	0.297	0.087	0.646	0.096	0.307	0.106	0.651	0.382	0.015	0.709	0.005	0.129	0.013	0.816	0.468	0.020	0.153	0.029	0.135
Top	0.051	0.209	0.073	0.213	0.175	0.094	0.235	0.203	0.074	0.096	0.094	0.123	0.093	0.114	0.107	0.009	0.025	0.007	0.023	0.006	0.048	0.048*	0.012	0.059	0.021	0.067
Bottom	0.044	0.044*	0.107	0.107*	0.107*	0.155	0.155*	0.155*	0.019	0.019*	0.079	0.079*	0.087	0.087*	0.087*	0.005	0.005*	0.000	0.000*	0.000	0.000*	0.000*	0.017	0.017*	0.035	0.035*
Right	0.009	0.009*	0.207	0.471	0.274	0.240	0.571	0.360	0.014	0.014*	0.283	0.478	0.247	0.523	0.334	0.001	0.001*	0.013	0.222	0.010	0.377	0.110	0.000	0.000*	0.079	0.150
Left	0.146	0.248	0.005	0.005*	0.005*	0.138	0.241	0.192	0.272	0.634	0.005	0.005*	0.222	0.675	0.493	0.034	0.167	0.002	0.002*	0.028	0.447	0.157	0.025	0.081	0.001	0.001*

Configuration	2.4 GHz WLAN Ant WIFI 0 Ratio to Limit	2.4 GHz WLAN Ant WIFI 0 at 11 dBm Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 at 11 dBm Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 at 9 dBm Ratio to Limit	2.4 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO at 14 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm Ratio to Limit	5 GHz WLAN Ant WIFI 0 Ratio to Limit	5 GHz WLAN Ant WIFI 0 at 7 dBm Ratio to Limit	5 GHz WLAN Ant WIFI 1 Ratio to Limit	5 GHz WLAN Ant WIFI 1 at 7 dBm Ratio to Limit	5 GHz WLAN MIMO Ratio to Limit	5 GHz WLAN MIMO at 10 dBm Ratio to Limit	5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	6 GHz WLAN Ant WIFI 0 Ratio to Limit	6 GHz WLAN Ant WIFI 0 at 5.5 dBm Ratio to Limit	6 GHz WLAN Ant WIFI 1 Ratio to Limit	6 GHz WLAN Ant WIFI 1 at 5.5 dBm Ratio to Limit	6 GHz WLAN MIMO Ratio to Limit	6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm Ratio to Limit
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Back	0.049	0.263	0.054	0.248	0.162	0.066	0.267	0.186	0.054	0.404	0.060	0.192	0.066	0.407	0.239	0.009	0.443	0.003	0.081	0.008	0.510	0.293	0.013	0.096	0.018	0.084
Top	0.032	0.131	0.046	0.133	0.109	0.059	0.147	0.127	0.046	0.060	0.059	0.077	0.058	0.071	0.067	0.006	0.016	0.004	0.014	0.004	0.030	0.030*	0.008	0.037	0.013	0.042
Bottom	0.028	0.028*	0.067	0.067*	0.067*	0.097	0.097*	0.097*	0.012	0.012*	0.049	0.049*	0.054	0.054*	0.054*	0.003	0.003*	0.000	0.000*	0.000	0.000*	0.000*	0.011	0.011*	0.022	0.022*
Right	0.006	0.006*	0.129	0.294	0.171	0.150	0.357	0.225	0.009	0.009*	0.177	0.299	0.154	0.327	0.209	0.001	0.001*	0.008	0.139	0.006	0.236	0.089	0.000	0.000*	0.049	0.094
Left	0.091	0.155	0.003	0.003*	0.003*	0.086	0.151	0.120	0.170	0.396	0.003	0.003*	0.139	0.422	0.308	0.021	0.104	0.001	0.001*	0.018	0.279	0.098	0.016	0.051	0.001	0.001*

Configuration	2.4 GHz Bluetooth Ant WIFI 1 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO Worst Case Ratio to Limit	5 GHz WLAN MIMO Worst Case Ratio to Limit	6 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 11 dBm Ratio to Limit	2.4 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	5 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	5 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	6 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	6 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit
	26	26+14	26+21	24	24+14	24+21	8+22	8+15	7	14	21	24+5+15	24+5+22	24+4	2	4	10	12	17	19	
Back	0.084	0.491	0.594	0.096	0.503	0.606	0.478	0.424	0.267	0.407	0.510	0.496	0.550	0.343	0.263	0.248	0.404	0.192	0.443	0.081	0.606
Top	0.042	0.113	0.072	0.037	0.108	0.067	0.157	0.194	0.147	0.071	0.030	0.213	0.176	0.170	0.131	0.133	0.060	0.077	0.016	0.014	0.213
Bottom	0.022	0.076	0.022	0.011	0.065	0.011	0.097	0.151	0.097	0.054	0.000	0.132	0.078	0.078	0.028	0.067	0.012	0.049	0.003	0.000	0.151
Right	0.094	0.421	0.329	0.000	0.327	0.236	0.294	0.434	0.357	0.327	0.236	0.380	0.240	0.294	0.006	0.294	0.009	0.299	0.001	0.139	0.434
Left	0.001	0.423	0.280	0.051	0.473	0.330	0.218	0.428	0.151	0.422	0.279	0.362	0.152	0.054	0.155	0.003	0.396	0.003	0.104	0.001	0.473

Values with * were tested at a higher, more conservative power level.

Table E-5
UMTS/LTE Simultaneous Sums

Body	Configuration	Ant M1 Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit	Ant M1 + WLAN/BT Ratio to Limit
	Back	0.386	0.606	0.992
	Top	0.519	0.213	0.732
	Bottom	0.250	0.151	0.401
	Right	0.513	0.434	0.947
	Left	0.284	0.473	0.757

Body	Configuration	Ant S2 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO Worst Case Ratio to Limit	5 GHz WLAN MIMO Worst Case Ratio to Limit	6 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 11 dBm Ratio to Limit	2.4 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	5 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	5 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	6 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	6 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	Ant S2 + 2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	Ant S2 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	Ant S2 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	Ant S2 + 2.4 GHz WLAN MIMO at 12 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	Ant S2 + 6 GHz WLAN MIMO Worst Case Ratio to Limit	Ant S2 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	Ant S2 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm SAR (W/kg)
	Back	0.480	0.084	0.491	0.594	0.096	0.503	0.606	0.478	0.424	0.267	0.407	0.510	0.496	0.550	0.343	0.263	0.248	0.404	0.192	0.443	0.083	See Table Below	0.983	See Table Below	0.904	**0.990**	0.976	See Table Below
	Top	0.250	0.042	0.113	0.072	0.037	0.108	0.067	0.157	0.194	0.147	0.071	0.030	0.213	0.176	0.170	0.131	0.133	0.060	0.077	0.016	0.014	0.322	0.358	0.317	0.444	0.280	**0.463**	0.426
	Bottom	0.498	0.022	0.076	0.022	0.011	0.065	0.011	0.097	0.151	0.097	0.054	0.000	0.132	0.078	0.078	0.028	0.067	0.012	0.049	0.003	0.000	0.520	0.563	0.509	**0.649**	0.498	0.630	0.576
	Right	0.798	0.094	0.421	0.329	0.000	0.327	0.236	0.294	0.434	0.357	0.327	0.236	0.380	0.240	0.294	0.006	0.294	0.009	0.299	0.001	0.139	0.657	0.625	0.534	**0.732**	0.534	0.678	0.538
	Left	0.342	0.001	0.423	0.280	0.051	0.473	0.330	0.218	0.428	0.151	0.422	0.279	0.362	0.152	0.054	0.155	0.003	0.396	0.003	0.104	0.001	0.422	**0.615**	0.472	0.570	0.421	0.504	0.294

Body	Configuration	Ant S4 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO Worst Case Ratio to Limit	5 GHz WLAN MIMO Worst Case Ratio to Limit	6 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 11 dBm Ratio to Limit	2.4 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	5 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	5 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	6 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit	6 GHz WLAN Ant WIFI 1 Worst Case Ratio to Limit	Ant S4 + 2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	Ant S4 + 2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	Ant S4 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm Ratio to Limit	Ant S4 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	Ant S4 + 2.4 GHz WLAN MIMO at 12 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	Ant S4 + 2.4 GHz WLAN MIMO at 12 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	Ant S4 + 6 GHz WLAN MIMO Worst Case Ratio to Limit	Ant S4 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	Ant S4 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	Ant S4 + 6 GHz WLAN Ant WIFI 0 Worst Case Ratio to Limit
	Back	0.568	0.084	0.491	0.594	0.096	0.503	0.606	0.478	0.424	0.267	0.407	0.510	0.496	0.550	0.343	0.263	0.248	0.404	0.192	0.443	0.083	See Table Below	See Table Below	See Table Below	See Table Below	See Table Below	**0.992**	See Table Below	See Table Below	See Table Below	See Table Below
	Top	0.250	0.042	0.113	0.072	0.037	0.108	0.067	0.157	0.194	0.147	0.071	0.030	0.213	0.176	0.170	0.131	0.133	0.060	0.077	0.016	0.014	0.363	0.322	0.358	0.317	0.407	0.444	0.280	**0.463**	0.426	0.266
	Reborn	0.337	0.022	0.076	0.022	0.011	0.065	0.011	0.097	0.151	0.097	0.054	0.000	0.132	0.078	0.078	0.028	0.067	0.012	0.049	0.003	0.000	0.413	0.359	0.402	0.348	0.434	**0.488**	0.337	0.469	0.415	0.340
	Right	0.136	0.094	0.421	0.329	0.000	0.327	0.236	0.294	0.434	0.357	0.327	0.236	0.380	0.240	0.294	0.006	0.294	0.009	0.299	0.001	0.139	0.557	0.465	0.463	0.372	0.430	**0.570**	0.372	0.516	0.376	0.127
	Left	0.462	0.001	0.423	0.280	0.051	0.473	0.330	0.218	0.428	0.151	0.422	0.279	0.362	0.152	0.054	0.155	0.003	0.396	0.003	0.104	0.001	0.885	0.742	**0.935**	0.792	0.680	0.890	0.741	0.824	0.654	0.566

Note: Bolded values represent the highest sums for their respective edges.

Antenna Pair			Standalone Values		Standalone Sum	Peak Separation Distance (mm)	SPLS Ratio	Plot Number
			Exposure Ratio (ER)	Exposure Ratio (ER)				
	Ant "a"	Ant "b"	a	b	a+b	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$	
Ant S2 + 2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm	LTE Band 66 (AWS) Ant S2	2.4 GHz Bluetooth Ant WIFI 1	0.477	0.084	0.561	284.21	0.00	1
	LTE Band 25 (PCS) Ant S2	2.4 GHz Bluetooth Ant WIFI 1	0.480	0.084	0.564	278.03	0.00	
	LTE Band 30 Ant S2	2.4 GHz Bluetooth Ant WIFI 1	0.311	0.084	0.395	281.48	0.00	
	LTE Band 7 Ant S2	2.4 GHz Bluetooth Ant WIFI 1	0.396	0.084	0.48	280.32	0.00	
	LTE Band 66 (AWS) Ant S2	6 GHz WLAN MIMO (Peak 1)	0.477	0.510	0.987	296.05	0.00	
	LTE Band 25 (PCS) Ant S2	6 GHz WLAN MIMO (Peak 1)	0.480	0.510	0.99	291.19	0.00	
	LTE Band 30 Ant S2	6 GHz WLAN MIMO (Peak 1)	0.311	0.510	0.821	294.37	0.00	
	LTE Band 7 Ant S2	6 GHz WLAN MIMO (Peak 1)	0.396	0.510	0.906	293.87	0.00	
	LTE Band 66 (AWS) Ant S2	6 GHz WLAN MIMO (Peak 2)	0.477	0.085	0.562	281.97	0.00	
	LTE Band 25 (PCS) Ant S2	6 GHz WLAN MIMO (Peak 2)	0.480	0.085	0.565	275.80	0.00	
	LTE Band 30 Ant S2	6 GHz WLAN MIMO (Peak 2)	0.311	0.085	0.396	279.25	0.00	
	LTE Band 7 Ant S2	6 GHz WLAN MIMO (Peak 2)	0.396	0.085	0.481	278.10	0.00	
	6 GHz WLAN MIMO (Peak 1)	2.4 GHz Bluetooth Ant WIFI 1	0.510	0.084	0.594	171.12	0.00	
	6 GHz WLAN MIMO (Peak 2)	2.4 GHz Bluetooth Ant WIFI 1	0.085	0.084	0.169	3.16	0.02	
Ant S2 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm	LTE Band 66 (AWS) Ant S2	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	0.477	0.606	1.083	296.05	0.00	1
	LTE Band 25 (PCS) Ant S2	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	0.480	0.606	1.086	291.19	0.00	
	LTE Band 30 Ant S2	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	0.311	0.606	0.917	294.37	0.00	
	LTE Band 7 Ant S2	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	0.396	0.606	1.002	293.87	0.00	
	6 GHz WLAN MIMO (Peak 2)	2.4 GHz Bluetooth Ant WIFI 0	0.085	0.096	0.181	174.48	0.00	
Ant S2 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	2.4 GHz WLAN Ant WIFI 1	0.606	0.162	0.768	172.07	0.00	1
	LTE Band 66 (AWS) Ant S2	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.477	0.201	0.678	281.97	0.00	
	LTE Band 25 (PCS) Ant S2	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.480	0.201	0.681	275.80	0.00	
	LTE Band 30 Ant S2	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.311	0.201	0.512	279.25	0.00	
	LTE Band 7 Ant S2	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.396	0.201	0.597	278.10	0.00	
	2.4 GHz Bluetooth Ant WIFI 0	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.096	0.201	0.297	174.48	0.00	
Ant S4 + 2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm	LTE Band 48 Ant S4	5 GHz WLAN MIMO (Peak 2) + Bluetooth Ant WIFI 1 Co-Located	0.568	0.338	0.906	289.32	0.00	2
	LTE Band 48 Ant S4	5 GHz WLAN MIMO (Peak 1)	0.568	0.407	0.975	264.88	0.00	
	2.4 GHz Bluetooth Ant WIFI 1	5 GHz WLAN MIMO (Peak 1)	0.084	0.407	0.491	169.96	0.00	
Ant S4 + 2.4 GHz Bluetooth Ant WIFI 1 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1)	0.568	0.510	1.078	274.47	0.00	2
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 2)	0.568	0.085	0.653	294.12	0.00	
	LTE Band 48 Ant S4	2.4 GHz Bluetooth Ant WIFI 1	0.568	0.084	0.652	296.74	0.00	
	2.4 GHz Bluetooth Ant WIFI 1	6 GHz WLAN MIMO (Peak 1)	0.084	0.510	0.594	171.12	0.00	
	2.4 GHz Bluetooth Ant WIFI 1	6 GHz WLAN MIMO (Peak 2)	0.084	0.085	0.169	3.16	0.02	
Ant S4 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 5 GHz WLAN MIMO at 10 dBm	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	0.568	0.606	1.174	274.47	0.00	2
	LTE Band 48 Ant S4	5 GHz WLAN MIMO (Peak 2)	0.568	0.254	0.822	289.32	0.00	
	2.4 GHz Bluetooth Ant WIFI 0	5 GHz WLAN MIMO (Peak 2)	0.096	0.254	0.35	177.00	0.00	
Ant S4 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	0.568	0.606	1.174	274.47	0.00	2
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 2)	0.568	0.085	0.653	294.12	0.00	
	2.4 GHz Bluetooth Ant WIFI 0	6 GHz WLAN MIMO (Peak 2)	0.096	0.085	0.181	174.48	0.00	
Ant S4 + 2.4 GHz WLAN MIMO at 12 dBm + 6 GHz WLAN MIMO at 4.5 dBm	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1) + 2.4 GHz WLAN MIMO (Peak 1) Co-Located	0.568	0.458	1.026	274.47	0.00	2
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN MIMO (Peak 2) Co-Located	0.568	0.225	0.793	294.12	0.00	
	2.4 GHz WLAN MIMO (Peak 1)	6 GHz WLAN MIMO (Peak 2)	0.165	0.085	0.25	174.48	0.00	
	2.4 GHz WLAN MIMO (Peak 2)	6 GHz WLAN MIMO (Peak 1)	0.186	0.510	0.696	170.17	0.00	
Ant S4 + 6 GHz WLAN MIMO Worst Case	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1)	0.568	0.510	1.078	274.47	0.00	2
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 2)	0.568	0.085	0.653	294.12	0.00	
Ant S4 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 5 GHz WLAN MIMO at 8.5 dBm	LTE Band 48 Ant S4	5 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	0.568	0.503	1.071	264.88	0.00	2
	LTE Band 48 Ant S4	5 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.568	0.306	0.874	289.32	0.00	
	5 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	5 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.503	0.306	0.809	169.30	0.00	
Ant S4 + 2.4 GHz Bluetooth Ant WIFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WIFI 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	0.568	0.606	1.174	274.47	0.00	2
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.568	0.201	0.769	294.12	0.00	
	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	0.606	0.201	0.807	168.44	0.00	
Ant S4 + 6 GHz WLAN Ant WIFI 0 Worst Case	LTE Band 48 Ant S4	WIFI 6 GHz WLAN Ant WIFI 1	0.568	0.443	1.011	294.12	0.00	2

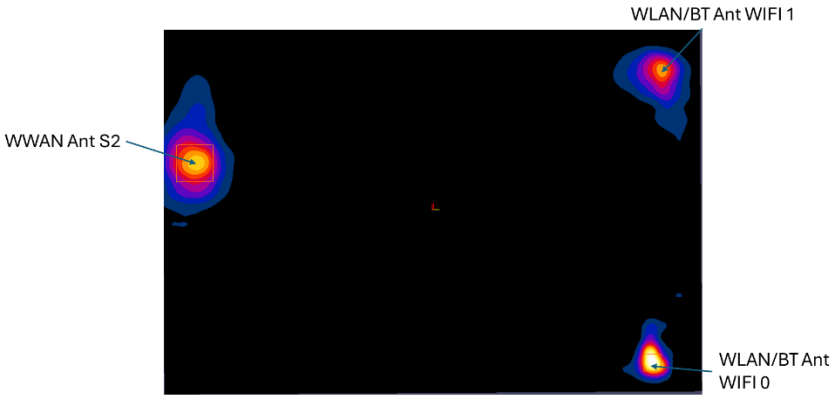


Figure E-1
Tablet Back Side Antenna S2 SAR to Peak Location Separation Ratio Plot

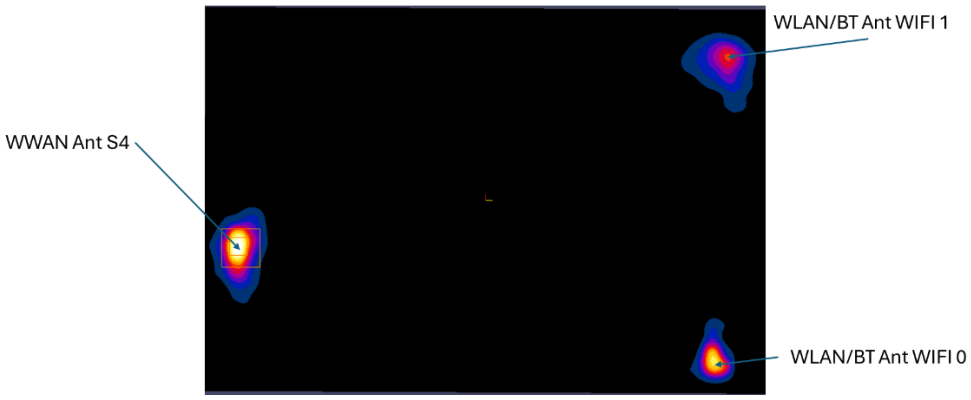


Figure E-2
Tablet Back Side Antenna S4 SAR to Peak Location Separation Ratio Plot

Notes:

1. For all combinations where the sum of WWAN+WLAN+BT is less than 1, there's no further analysis required for compliance demonstration.

2. No evaluation was performed to determine the aggregate 1g SAR for these configurations as the SPLS ratio between the antenna pairs was not greater than 0.02 per FCC 447498 D04v01. Please see the Highest Reported SAR and Hotspot Location Section for axis peak locations.

E.5 Tablet NR Simultaneous Analysis

Table E-6
NR Highest Adjusted Ratio to Limit

	Configuration	NR SAR (W/kg)						Max NR
		M1	S2	S4	M2	S3	S1	
Body	Back	0.699	0.481	0.546	0.450	0.452	0.713	0.713
	Top	0.867	0.400*	0.400*	0.400*	0.115	0.400*	0.867
	Bottom	0.400*	0.734	0.477	0.193	0.400*	0.167	0.734
	Right	0.706	0.526	0.068	0.011	0.000	0.344	0.706
	Left	0.476	0.053	0.184	0.535	0.890	0.001	0.890

	Configuration	NR Ratio to Limit								Max NR Ratio to Limit
		M1	S2	S4	M2	S3	S1	K	L	
Body	Back	0.437	0.301	0.341	0.281	0.283	0.446	0.047	0.436	0.446
	Front	-	-	-	-	-	-	0.776	0.040	0.776
	Top	0.542	0.250	0.250	0.250	0.072	0.250	0.048	0.008	0.542
	Bottom	0.250	0.459	0.298	0.121	0.250	0.104	0.010	0.218	0.459
	Right	0.441	0.329	0.043	0.007	0.000	0.215	0.564	0.099	0.564
	Left	0.298	0.033	0.115	0.334	0.556	0.001	0.007	0.002	0.556

* When the antenna separation distance was > 50 mm, an estimated SAR of 0.4 W/kg was used to determine the simultaneous transmission SAR exclusion for test positions excluded per FCC KDB Publication 447498 D01v06

Table E-7
Simultaneous Transmission Scenarios of WLAN/BT when NR Active

Configuration	2.4 GHz WLAN Ant WiFi 0 SAR (W/kg)	2.4 GHz WLAN Ant WiFi 0 at 11 dBm SAR (W/kg)	2.4 GHz WLAN Ant WiFi 1 SAR (W/kg)	2.4 GHz WLAN Ant WiFi 1 at 11 dBm SAR (W/kg)	2.4 GHz WLAN Ant WiFi 1 at 9 dBm SAR (W/kg)	2.4 GHz WLAN MIMO SAR (W/kg)	2.4 GHz WLAN MIMO at 14 dBm SAR (W/kg)	2.4 GHz WLAN MIMO at 12 dBm SAR (W/kg)	5 GHz WLAN Ant WiFi 0 SAR (W/kg)	5 GHz WLAN Ant WiFi 0 at 7 dBm SAR (W/kg)	5 GHz WLAN Ant WiFi 1 SAR (W/kg)	5 GHz WLAN Ant WiFi 1 at 7 dBm SAR (W/kg)	5 GHz WLAN MIMO SAR (W/kg)	5 GHz WLAN MIMO at 10 dBm SAR (W/kg)	5 GHz WLAN MIMO at 8.5 dBm SAR (W/kg)	6 GHz WLAN Ant WiFi 0 SAR (W/kg)	6 GHz WLAN Ant WiFi 0 at 5.5 dBm SAR (W/kg)	6 GHz WLAN Ant WiFi 1 SAR (W/kg)	6 GHz WLAN Ant WiFi 1 at 5.5 dBm SAR (W/kg)	6 GHz WLAN MIMO SAR (W/kg)	6 GHz WLAN MIMO at 8.5 dBm SAR (W/kg)	6 GHz WLAN MIMO at 4.5 dBm SAR (W/kg)	2.4 GHz Bluetooth Ant WiFi 0 SAR (W/kg)	2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm SAR (W/kg)	2.4 GHz Bluetooth Ant WiFi 1 SAR (W/kg)	2.4 GHz Bluetooth Ant WiFi 1 at 6.5 dBm SAR (W/kg)
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Back	0.079	0.421	0.086	0.396	0.259	0.105	0.427	0.297	0.087	0.646	0.096	0.307	0.106	0.651	0.382	0.015	0.709	0.005	0.129	0.013	0.816	0.468	0.020	0.153	0.029	0.135
Top	0.051	0.209	0.073	0.213	0.175	0.094	0.235	0.203	0.074	0.096	0.094	0.123	0.093	0.114	0.107	0.009	0.025	0.007	0.023	0.006	0.048	0.048*	0.012	0.059	0.021	0.067
Bottom	0.044	0.044*	0.107	0.107*	0.107*	0.155	0.155*	0.155*	0.019	0.019*	0.079	0.079*	0.087	0.087*	0.087*	0.005	0.005*	0.000	0.000*	0.000	0.000*	0.000*	0.017	0.017*	0.035	0.035*
Right	0.009	0.009*	0.207	0.471	0.274	0.240	0.571	0.360	0.014	0.014*	0.283	0.478	0.247	0.523	0.334	0.001	0.001*	0.013	0.222	0.010	0.377	0.110	0.000	0.000*	0.079	0.150
Left	0.146	0.248	0.005	0.005*	0.005*	0.138	0.241	0.192	0.272	0.634	0.005	0.005*	0.222	0.675	0.493	0.034	0.167	0.002	0.002*	0.028	0.447	0.157	0.025	0.081	0.001	0.001*

Configuration	2.4 GHz WLAN Ant WiFi 0 Ratio to Limit	2.4 GHz WLAN Ant WiFi 0 at 11 dBm Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 at 11 dBm Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 at 9 dBm Ratio to Limit	2.4 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO at 14 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm Ratio to Limit	5 GHz WLAN Ant WiFi 0 Ratio to Limit	5 GHz WLAN Ant WiFi 0 at 7 dBm Ratio to Limit	5 GHz WLAN Ant WiFi 1 Ratio to Limit	5 GHz WLAN Ant WiFi 1 at 7 dBm Ratio to Limit	5 GHz WLAN MIMO Ratio to Limit	5 GHz WLAN MIMO at 10 dBm Ratio to Limit	5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	6 GHz WLAN Ant WiFi 0 Ratio to Limit	6 GHz WLAN Ant WiFi 0 at 5.5 dBm Ratio to Limit	6 GHz WLAN Ant WiFi 1 Ratio to Limit	6 GHz WLAN Ant WiFi 1 at 5.5 dBm Ratio to Limit	6 GHz WLAN MIMO Ratio to Limit	6 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 1 Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 1 at 6.5 dBm Ratio to Limit
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Back	0.049	0.263	0.054	0.248	0.162	0.066	0.267	0.186	0.054	0.404	0.060	0.192	0.066	0.407	0.239	0.009	0.443	0.003	0.081	0.008	0.510	0.293	0.013	0.096	0.018	0.084
Top	0.032	0.131	0.046	0.133	0.109	0.059	0.147	0.127	0.046	0.060	0.059	0.077	0.058	0.071	0.067	0.006	0.016	0.004	0.014	0.004	0.030	0.030*	0.008	0.037	0.013	0.042
Bottom	0.028	0.028*	0.067	0.067*	0.067*	0.097	0.097*	0.097*	0.012	0.012*	0.049	0.049*	0.054	0.054*	0.054*	0.003	0.003*	0.000	0.000*	0.000	0.000*	0.000*	0.011	0.011*	0.022	0.022*
Right	0.006	0.006*	0.129	0.294	0.171	0.150	0.357	0.225	0.009	0.009*	0.177	0.299	0.154	0.327	0.209	0.001	0.001*	0.008	0.139	0.006	0.236	0.069	0.000	0.000*	0.049	0.094
Left	0.091	0.155	0.003	0.003*	0.003*	0.086	0.151	0.120	0.170	0.396	0.003	0.003*	0.139	0.422	0.308	0.021	0.104	0.001	0.001*	0.018	0.279	0.098	0.016	0.051	0.001	0.001*

Configuration	2.4 GHz Bluetooth Ant WiFi 1 at 6.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 1 at 6.5 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 1 at 6.5 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 12 dBm Ratio to Limit	5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm + 2.4 GHz WLAN Ant WiFi 1 at 9 dBm + 5 GHz WLAN MIMO at 8.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm + 2.4 GHz WLAN Ant WiFi 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm + 2.4 GHz WLAN Ant WiFi 1 at 9 dBm Ratio to Limit	2.4 GHz WLAN Ant WiFi 0 at 11 dBm Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 at 9 dBm Ratio to Limit	5 GHz WLAN Ant WiFi 0 at 7 dBm Ratio to Limit	5 GHz WLAN Ant WiFi 1 at 7 dBm Ratio to Limit	6 GHz WLAN Ant WiFi 0 at 5.5 dBm Ratio to Limit	6 GHz WLAN Ant WiFi 1 at 5.5 dBm Ratio to Limit	WLAN/BT Worst-case Combination with NR Active Ratio to Limit
	26	26+22	26+15	24	24+22	24+15	8+22	8+15	8	15	22	24+5+15	24+5+22	24+5	2	5	10	12	17	19	
Back	0.084	0.377	0.323	0.096	0.388	0.334	0.478	0.424	0.186	0.239	0.293	0.496	0.550	0.258	0.263	0.162	0.404	0.192	0.443	0.081	0.550
Top	0.042	0.072	0.109	0.037	0.067	0.104	0.157	0.194	0.127	0.067	0.030	0.213	0.176	0.146	0.131	0.109	0.060	0.077	0.016	0.014	0.213
Bottom	0.022	0.022	0.076	0.011	0.011	0.065	0.097	0.151	0.097	0.054	0.000	0.132	0.078	0.078	0.028	0.067	0.012	0.049	0.003	0.000	0.151
Right	0.094	0.163	0.303	0.000	0.089	0.209	0.294	0.434	0.225	0.209	0.069	0.380	0.240	0.171	0.006	0.171	0.009	0.299	0.001	0.139	0.434
Left	0.001	0.099	0.309	0.051	0.149	0.359	0.218	0.428	0.120	0.308	0.098	0.362	0.152	0.054	0.155	0.003	0.396	0.003	0.104	0.001	0.428

Note: Front side WLAN/BT was excluded per FCC KDB Publication 616217 D04v01r01.

Table E-8
NR Simultaneous Sums

	Configuration	NR Ratio to Limit	WLAN/BT Worst-case Combination with NR Active Ratio to Limit	NR SAR + WLAN/BT with NR Active Ratio to Limit
Body	Back	0.446	0.550	**0.996**
	Front	0.776	-	0.776
	Top	0.542	0.213	0.755
	Bottom	0.459	0.151	0.610
	Right	0.564	0.434	0.998
	Left	0.556	0.428	0.984

E.6 Laptop Simultaneous Analysis

Table E-9
UMTS/LTE Highest Adjusted SAR and Ratio to Limit

Laptop SAR	Configuration	UMTS/LTE SAR (W/kg)			UMTS/LTE Max SAR (W/kg)
		M1	S2	S4	
	Bottom	0.277	0.141	0.402	0.402
Laptop	Configuration	UMTS/LTE Ratio to Limit			UMTS/LTE Max Ratio to Limit
		M1	S2	S4	
	Bottom	0.173	0.088	0.251	0.251

Table E-10
NR Highest Adjusted SAR and Ratio to Limit

Laptop	Configuration	NR SAR (W/kg)						Max NR
		M1	S2	S4	M2	S3	S1	
	Bottom	0.263	0.018	0.154	0.264	0.245	0.000	0.264
Laptop	Configuration	NR Ratio to Limit						Max NR
		M1	S2	S4	M2	S3	S1	
	Bottom	0.164	0.011	0.096	0.165	0.153	0.000	0.165

Table E-11
Simultaneous Transmission Scenarios of WLAN/BT

Configuration	2.4 GHz WLAN Ant WIFI 0 SAR (W/kg)	2.4 GHz WLAN Ant WIFI 1 SAR (W/kg)	2.4 GHz WLAN MIMO SAR (W/kg)	5 GHz WLAN Ant WIFI 0 SAR (W/kg)	5 GHz WLAN Ant WIFI 1 SAR (W/kg)	5 GHz WLAN MIMO SAR (W/kg)	6 GHz WLAN Ant WIFI 0 SAR (W/kg)	6 GHz WLAN Ant WIFI 1 SAR (W/kg)	6 GHz WLAN MIMO SAR (W/kg)	2.4 GHz Bluetooth Ant WIFI 0 SAR (W/kg)	2.4 GHz Bluetooth Ant WIFI 1 SAR (W/kg)
	1	2	3	4	5	6	7	8	9	10	11
Bottom	0.157	0.005	0.191	0.373	0.054	0.371	0.157	0.015	0.415	0.075	0.000
Configuration	2.4 GHz WLAN Ant WIFI 0 Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 Ratio to Limit	2.4 GHz WLAN MIMO Ratio to Limit	5 GHz WLAN Ant WIFI 0 Ratio to Limit	5 GHz WLAN Ant WIFI 1 Ratio to Limit	5 GHz WLAN MIMO Ratio to Limit	6 GHz WLAN Ant WIFI 0 Ratio to Limit	6 GHz WLAN Ant WIFI 1 Ratio to Limit	6 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 Ratio to Limit
	1	2	3	4	5	6	7	8	9	10	11
Bottom	0.098	0.003	0.119	0.233	0.034	0.232	0.098	0.009	0.259	0.047	0.000

Configuration	2.4 GHz Bluetooth Ant WIFI 1 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 + 6 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 + 5 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 + 6 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 + 5 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO + 6 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO + 5 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO Ratio to Limit	6 GHz WLAN MIMO Ratio to Limit	5 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 + 2.4 GHz WLAN Ant WIFI 1 + 5 GHz WLAN MIMO Ratio	2.4 GHz Bluetooth Ant WIFI 0 + 2.4 GHz WLAN Ant WIFI 1 + 6 GHz WLAN MIMO Ratio	2.4 GHz Bluetooth Ant WIFI 0 + 2.4 GHz WLAN Ant WIFI 1 Ratio to Limit	2.4 GHz WLAN Ant WIFI 0 Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 Ratio to Limit	5 GHz WLAN Ant WIFI 0 Ratio to Limit	5 GHz WLAN Ant WIFI 1 Ratio to Limit	6 GHz WLAN Ant WIFI 0 Ratio to Limit	6 GHz WLAN Ant WIFI 1 Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit
	11	11+9	11+6	10	10+9	10+6	3+9	3+6	3	9	6	10+2+6	10+2+9	10+2	1	2	4	5	7	8	
Bottom	0.000	0.259	0.232	0.047	0.306	0.279	0.379	0.351	0.119	0.259	0.232	0.282	0.309	0.050	0.098	0.003	0.233	0.034	0.098	0.009	0.379

Table E-12
Simultaneous Sums

Laptop	Configuration	UMTS/LTE Ratio to Limit	NR Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit	UMTS/LTE + WLAN/BT Ratio to Limit	NR + WLAN/BT Ratio to Limit
	Bottom	0.251	0.165	0.379	0.630	0.544

E.7 Highest Reported SAR, Exposure Ratio, and SAR Hotspot Locations

Table E-13
Tablet Back Side Peak Coordinates

Mode/Band	Antenna	x (mm)	y (mm)	Reported SAR (W/kg)	SAR/SAR Limit (ER)
LTE Band 66 (AWS)	S2	-28.50	-142.50	0.763	0.477
LTE Band 25 (PCS)	S2	-30.00	-136.50	0.768	0.48
LTE Band 30	S2	-30.00	-140.00	0.498	0.311
LTE Band 7	S2	-31.00	-139.00	0.633	0.396
LTE Band 48	S4	29.00	-139.00	0.908	0.568
2.4 GHz WLAN	WIFI 1	-81.00	136.00	0.259	0.162
5 GHz WLAN MIMO (Peak 1)	MIMO	89.00	119.00	0.651	0.407
5 GHz WLAN MIMO (Peak 2)	MIMO	-80.00	129.00	0.406	0.254
6 GHz WLAN MIMO (Peak 1)	MIMO	90.90	128.40	0.816	0.51
6 GHz WLAN MIMO (Peak 2)	MIMO	-77.40	135.20	0.136	0.085
2.4 GHz Bluetooth	WIFI 0	97.00	130.00	0.153	0.096
2.4 GHz Bluetooth	WIFI 1	-80.00	137.00	0.135	0.084
6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	WIFI 0	90.90	128.40	0.969	0.606
6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	WIFI 1	-77.40	135.20	0.322	0.201
5 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	WIFI 0	89.00	119.00	0.804	0.503
5 GHz WLAN MIMO (Peak 2) + Bluetooth Ant WIFI 1 Co-Located	WIFI 1	-80.00	129.00	0.541	0.338
2.4 GHz WLAN MIMO (Peak 1)	MIMO	97.00	130.00	0.264	0.165
2.4 GHz WLAN MIMO (Peak 2)	MIMO	-79.00	138.00	0.297	0.186
6 GHz WLAN MIMO (Peak 1) + 2.4 GHz WLAN MIMO (Peak 1) Co-Located	WIFI 0	90.90	128.40	0.732	0.458
6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN MIMO (Peak 2) Co-Located	WIFI 1	-77.40	135.20	0.360	0.225
5 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	WIFI 1	-80.00	129.00	0.490	0.306
WIFI 6 GHz WLAN	WIFI 1	-77.40	135.20	0.709	0.443

E.8 Conclusion

The above numerical summed TER results and SPLSR are sufficient to show that simultaneous transmission cases will not exceed the SAR and PD limit and therefore no further analysis is required per FCC KDB Publication 447498 D04v01 and IEEE 1528- 2013 Section 6.3.4.1.

APPENDIX F: POWER REDUCTION VERIFICATION

Per FCC KDB Publication 616217 D04v01r02, demonstration of proper functioning of the power reduction mechanisms is required to support the corresponding SAR configurations. The verification process was divided into two parts: (1) evaluation of output power levels for individual or multiple triggering mechanisms and (2) evaluation of the triggering distances for proximity-based sensors.

F.1 Power Verification Procedure

The power verification was performed according to the following procedure:

1. A base station simulator was used to establish a conducted RF connection and the output power was monitored. The power measurements were confirmed to be within expected tolerances for all states before and after a power reduction mechanism was triggered.

2. Step 1 was repeated for all relevant modes and frequency bands for the mechanism being investigated.

3. Steps 1 and 2 were repeated for all individual power reduction mechanisms and combinations thereof. For the combination cases, one mechanism was switched to a 'triggered' state at a time; powers were confirmed to be within tolerances after each additional mechanism was activated.

F.2 Distance Verification Procedure

The distance verification procedure was performed according to the following procedure:

1. A base station simulator was used to establish an RF connection and to monitor the power levels. The device being tested was placed below the relevant section of the phantom with the relevant side or edge of the device facing toward the phantom.

2. The device was moved toward and away from the phantom to determine the distance at which the mechanism triggers and the output power is reduced, per KDB Publication 616217 D04v01r02 and FCC Guidance. Each applicable test position was evaluated. The distances were confirmed to be the same or larger (more conservative) than the minimum distances provided by the manufacturer. Triggering states within ±5 mm of the triggering distance, moving towards and away from the phantom, are tabulated below. The influence of table tilt angles to proximity sensor triggering was also evaluated at the smallest sensor triggering distance by rotating the device the edge next to the phantom in 10 degree increments between +- 45 degrees.

3. Steps 1 and 2 were repeated for low, mid, high, and ultra-high bands, as appropriate (see first note under section F.3 for more details).

4. Steps 1 through 3 were repeated for all distance-based power reduction mechanisms.

F.3 Main Antenna Verification Summary

- Low band refers to: GSM850, UMTS B5, LTE B5/12/13/14/26/71, NR 5/12/26/71; Mid band refers to: GSM1900, UMTS B2/4, LTE B2/4/25/66, NR n25/66/70; High band refers to: LTE B7/30/38/41; Ultra High Band refers to: LTE B48, NR n48/77
- This device uses different Exposure Condition Indices (ECI) to configure different time averaged power levels based on certain exposure scenarios. For this device ECI = 0 is configured when the device's grip sensors are not triggered. ECI = 1 represents the case where the device grip sensors are triggered. ECI = 2 represents the case where grip sensor #3 is triggered for antenna M1.
- Note: Antennas S1 and S3 were not evaluated due to equipment limitations.

Table F-1
Power Measurement Verification for Main Antenna M1

Mechanism(s)		Mode/Band	Exposure Condition Index (ECI)		
1st	2nd		Free Space	Mechanism #1 (Grip #2)	Mechanism #2 (Grip #3)
Grip		Low Band Ant M1	0	1	
Grip	Grip	Mid Band Ant M1	0	1	2
Grip	Grip	High Band Ant M1	0	1	2

Table F-2
Power Measurement Verification for Main Antenna M2

Mechanism(s)	Mode/Band	Exposure Condition Index (ECI)	
1st		Free Space	Mechanism #1 (Grip #6)
Grip	Ultra High Band Ant M2	0	1

Table F-3
Power Measurement Verification for Sub Antenna S2

Mechanism(s)	Mode/Band	Exposure Condition Index (ECI)	
1st		Free Space	Mechanism #1 (Grip #5)
Grip	Mid Band Ant S2	0	1
Grip	High Band Ant S2	0	1

Table F-4
Power Measurement Verification for Sub Antenna S4

Mechanism(s)	Mode/Band	Exposure Condition Index (ECI)	
1st		Free Space	Mechanism #1 (Grip #5)
Grip	Ultra High Band Ant S4	0	1

F.4 WIFI Verification Summary

Table F-5
Power Measurement Verification WIFI – Antenna WIFI 0

Mechanism(s)	Mode/Band	Conducted Powers	
1st		Un-triggered (Max)	Mechanism #1 (Grip Sensor #1 Active)
Grip	802.11b	18.25	10.88
Grip	802.11g	17.21	11.36
Grip	802.11n (2.4GHz)	17.17	10.92
Grip	802.11ax (2.4GHz)	14.72	11.40
Grip	802.11a	15.51	6.10
Grip	802.11n (5GHz, 20MHz BW)	15.35	6.21
Grip	802.11n (5GHz, 40MHz BW)	15.64	6.55
Grip	802.11ac (20MHz BW)	15.36	6.31
Grip	802.11ac (40MHz BW)	14.88	6.43
Grip	802.11ac (80MHz BW)	12.39	6.30
Grip	802.11ac (160MHz BW)	11.01	5.99
Grip	802.11ax (20MHz BW)	9.21	6.83
Grip	802.11ax (40MHz BW)	9.32	6.77
Grip	802.11ax (80MHz BW)	9.53	6.68
Grip	802.11ax (160MHz BW)	9.90	6.52

*Note: MIMO WIFI modes were not evaluated due to equipment limitations.

Table F-6
Power Measurement Verification for WIFI – Antenna WIFI 1

Mechanism(s)	Mode/Band	Conducted Powers	
1st		Un-triggered (Max)	Mechanism #1 (Grip Sensor #3 Active)
Grip	802.11b	18.91	11.78
Grip	802.11g	17.48	11.52
Grip	802.11n (2.4GHz)	17.50	11.48
Grip	802.11ax (2.4GHz)	14.55	11.52
Grip	802.11a	15.88	6.89
Grip	802.11n (5GHz, 20MHz BW)	15.79	6.90
Grip	802.11n (5GHz, 40MHz BW)	15.15	6.33
Grip	802.11ac (20MHz BW)	15.63	6.69
Grip	802.11ac (40MHz BW)	13.46	7.02
Grip	802.11ac (80MHz BW)	11.52	7.20
Grip	802.11ac (160MHz BW)	11.50	7.15
Grip	802.11ax (20MHz BW)	9.72	7.06
Grip	802.11ax (40MHz BW)	10.36	7.34
Grip	802.11ax (80MHz BW)	10.21	7.13
Grip	802.11ax (160MHz BW)	10.25	7.25

*Note: MIMO WIFI modes were not evaluated due to equipment limitations.

F.5 Distance Verification Summary

Table F-7
Distance Measurement Verification for Grip #1

GRIP #1				
Test Position	**Activation**	**Distance[Open] (mm)**	**Moving towards**	**Moving away**
Back	O	23	**23**	**34**
Top	O	25	**25**	**31**
Left	O	16	**16**	**23**

Table F-8
Distance Measurement Verification for Grip Sensor #2

GRIP #2				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
Back	O	22	**22**	**25**
Top	O	26	**26**	**31**

Table F-9
Distance Measurement Verification for Grip Sensor #3

GRIP #3				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
Back	O	23	**23**	**34**
Top	O	26	**26**	**33**
Right	O	16	**16**	**23**

Table F-10
Distance Measurement Verification for Grip Sensor #4

GRIP #4				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
Back	O	26	**26**	**33**
Bottom	O	28	**28**	**31**
Right	O	16	**16**	**23**

Table F-11
Distance Measurement Verification for Grip Sensor #5

GRIP #5				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
Back	O	26	**26**	**30**
Bottom	O	28	**28**	**32**

Table F-12
Distance Measurement Verification for Grip Sensor #6

GRIP #6				
Test Position	**Activation**	**Distance[Open] (mm)**	**Moving towards**	**Moving away**
Back	O	26	**26**	**33**
Bottom	O	28	**28**	**32**
Left	O	16	**16**	**23**

Table F-13
Back Side, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]															
Distance [mm]	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
Grip #1				Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red	
Grip #2					Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #3				Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red	
Grip #4	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red				
Grip #5	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red				
Grip #6	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red				

Table F-14
Back Side, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]																				
Distance [mm]	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Grip #1										Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #2	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max									
Grip #3										Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #4									Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max	
Grip #5						Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max				
Grip #6									Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max	

Table F-15
Top Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]												
Distance [mm]	31	30	29	28	27	26	25	24	23	22	21	20
Grip #1		Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #2	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red	
Grip #3		Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red

Table F-16
Top Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]													
Distance [mm]	26	27	28	29	30	31	32	33	34	35	36	37	38
Grip #1	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max		
Grip #2	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max		
Grip #3			Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max

Table F-17
Bottom Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]											
Distance [mm]	33	32	31	30	29	28	27	26	25	24	23
Grip #4	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #5	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #6	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red

Table F-18
Bottom Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]												
Distance [mm]	26	27	28	29	30	31	32	33	34	35	36	37
Grip #4	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max	
Grip #5		Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #6		Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max

Table F-19
Left Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]											
Distance [mm]	21	20	19	18	17	16	15	14	13	12	11
Grip #1	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #6	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red

Table F-20
Left Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]												
Distance [mm]	17	18	19	20	21	22	23	24	25	26	27	28
Grip #1	Red	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #6	Red	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max

Table F-21
Right Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]											
Distance [mm]	21	20	19	18	17	16	15	14	13	12	11
Grip #3	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #4	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red

Table F-22
Right Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]													
Distance [mm]	17	18	19	20	21	22	23	24	25	26	27	28
Grip #3	Red	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #4	Red	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max

Table F-23
Triggering States by Tilt Angle for each Sensor per KDB 616217 Section 6.4 – Top Edge

KDB 616217 Section 6.4 Measured Tilt Angle											
Tilt Angle	-45	-35	-25	-15	-5	0	5	15	25	35	45
Grip #1	25	25	25	25	25	25	25	25	25	25	25
Grip #2	26	26	26	26	26	26	26	26	26	26	26
Grip #3	26	26	26	26	26	26	26	26	26	26	26

Table F-24
Triggering States by Tilt Angle for each Sensor per KDB 616217 Section 6.4 – Bottom Edge

KDB 616217 Section 6.4 Measured Tilt Angle											
Tilt Angle	-45	-35	-25	-15	-5	0	5	15	25	35	45
Grip #4	28	28	28	28	28	28	28	28	28	28	28
Grip #5	28	28	28	28	28	28	28	28	28	28	28
Grip #6	28	28	28	28	28	28	28	28	28	28	28

Table F-25
Triggering States by Tilt Angle for each Sensor per KDB 616217 Section 6.4 – Left Edge

KDB 616217 Section 6.4 Measured Tilt Angle											
Tilt Angle	-45	-35	-25	-15	-5	0	5	15	25	35	45
Grip #1	16	16	16	16	16	16	16	16	16	16	16
Grip #6	16	16	16	16	16	16	16	16	16	16	16

Table F-26
Triggering States by Tilt Angle for each Sensor per KDB 616217 Section 6.4 – Right Edge

KDB 616217 Section 6.4 Measured Tilt Angle											
Tilt Angle	-45	-35	-25	-15	-5	0	5	15	25	35	45
Grip #3	16	16	16	16	16	16	16	16	16	16	16
Grip #4	16	16	16	16	16	16	16	16	16	16	16

APPENDIX G: SAR SYSTEM VALIDATION

Per FCC KDB Publication 865664 D02v01r02, SAR system validation status should be documented to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

Table G-1
SAR System Validation Summary

SAR System	Freq. (MHz)	Date	Probe SN	DAE	Probe Cal Point		Cond. (σ)	Perm. (εr)	CW VALIDATION			MOD. VALIDATION		
									SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR
J	750	04/25/2024	7670	1449	750	Head	0.877	42.882	PASS	PASS	PASS	N/A	N/A	N/A
Q	750	05/31/2024	7539	1639	750	Head	0.865	41.575	PASS	PASS	PASS	N/A	N/A	N/A
O	750	06/26/2024	3914	728	750	Head	0.862	41.319	PASS	PASS	PASS	N/A	N/A	N/A
J	835	03/01/2024	7670	1449	835	Head	0.885	43.534	PASS	PASS	PASS	GMSK	PASS	N/A
Q	835	05/30/2024	7539	1639	835	Head	0.888	41.271	PASS	PASS	PASS	GMSK	PASS	N/A
O	835	06/24/2024	3914	728	835	Head	0.890	40.626	PASS	PASS	PASS	GMSK	PASS	N/A
J	1750	03/01/2024	7670	1449	1750	Head	1.355	41.717	PASS	PASS	PASS	N/A	N/A	N/A
S	1750	04/24/2024	7527	1272	1750	Head	1.311	40.024	PASS	PASS	PASS	N/A	N/A	N/A
P	1750	05/15/2024	7718	665	1750	Head	1.323	39.515	PASS	PASS	PASS	N/A	N/A	N/A
J	1900	03/01/2024	7670	1449	1900	Head	1.451	41.498	PASS	PASS	PASS	GMSK	PASS	N/A
S	1900	04/19/2024	7527	1272	1900	Head	1.396	39.756	PASS	PASS	PASS	GMSK	PASS	N/A
P	1900	05/15/2024	7718	665	1900	Head	1.414	39.331	PASS	PASS	PASS	GMSK	PASS	N/A
J	2300	03/06/2024	7670	1449	2300	Head	1.734	39.020	PASS	PASS	PASS	N/A	N/A	N/A
G	2300	04/23/2024	7713	1530	2300	Head	1.649	39.308	PASS	PASS	PASS	N/A	N/A	N/A
O	2300	06/05/2024	3914	728	2300	Head	1.713	38.049	PASS	PASS	PASS	N/A	N/A	N/A
G	2450	03/15/2024	7713	1530	2450	Head	1.873	39.569	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
K4	2450	03/25/2024	7565	1466	2450	Head	1.871	39.952	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
H	2450	04/03/2024	7488	1415	2450	Head	1.804	40.365	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
O	2450	06/05/2024	3914	728	2450	Head	1.827	37.860	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
K3	2600	10/12/2023	7558	1364	2600	Head	1.971	40.757	PASS	PASS	PASS	TDD	PASS	N/A
J	2600	03/08/2024	7670	1449	2600	Head	1.927	38.113	PASS	PASS	PASS	TDD	PASS	N/A
H	2600	04/05/2024	7488	1415	2600	Head	1.935	40.141	PASS	PASS	PASS	TDD	PASS	N/A
G	2600	04/23/2024	7713	1530	2600	Head	1.891	38.822	PASS	PASS	PASS	TDD	PASS	N/A
O	2600	06/05/2024	3914	728	2600	Head	1.937	37.677	PASS	PASS	PASS	TDD	PASS	N/A
K3	3500	12/04/2023	7558	1364	3500	Head	2.789	38.147	PASS	PASS	PASS	TDD	PASS	N/A
K4	3500	02/01/2024	7565	1466	3500	Head	2.779	37.929	PASS	PASS	PASS	TDD	PASS	N/A
H	3500	04/18/2024	7488	1415	3500	Head	2.772	38.571	PASS	PASS	PASS	TDD	PASS	N/A
L	3500	06/12/2024	7660	1678	3500	Head	2.818	39.229	PASS	PASS	PASS	TDD	PASS	N/A
K3	3700	12/04/2023	7558	1364	3700	Head	2.975	37.806	PASS	PASS	PASS	TDD	PASS	N/A
K4	3700	02/02/2024	7565	1466	3700	Head	3.019	38.076	PASS	PASS	PASS	TDD	PASS	N/A
H	3700	04/18/2024	7488	1415	3700	Head	2.962	38.310	PASS	PASS	PASS	TDD	PASS	N/A
L	3700	06/12/2024	7660	1678	3700	Head	3.012	38.863	PASS	PASS	PASS	TDD	PASS	N/A
H	3900	04/18/2024	7488	1415	3900	Head	3.171	37.884	PASS	PASS	PASS	TDD	PASS	N/A
L	3900	06/12/2024	7660	1678	3900	Head	3.220	38.526	PASS	PASS	PASS	TDD	PASS	N/A
G	5250	01/31/2024	7713	1530	5250	Head	4.510	36.500	PASS	PASS	PASS	OFDM	N/A	PASS
K2	5250	02/19/2024	7547	1322	5250	Head	4.606	35.108	PASS	PASS	PASS	OFDM	N/A	PASS
G	5600	01/31/2024	7713	1530	5600	Head	4.960	35.700	PASS	PASS	PASS	OFDM	N/A	PASS
K2	5600	02/19/2024	7547	1322	5600	Head	5.006	34.452	PASS	PASS	PASS	OFDM	N/A	PASS
G	5750	01/31/2024	7713	1530	5750	Head	5.070	35.500	PASS	PASS	PASS	OFDM	N/A	PASS
K2	5750	02/19/2024	7547	1322	5750	Head	5.182	34.162	PASS	PASS	PASS	OFDM	N/A	PASS
G	5850	01/31/2024	7713	1530	5850	Head	5.180	35.300	PASS	PASS	PASS	OFDM	N/A	PASS
K2	5850	02/19/2024	7547	1322	5750	Head	5.291	34.027	PASS	PASS	PASS	OFDM	N/A	PASS
R	6500	02/12/2024	7410	1638	6500	Head	6.212	34.041	PASS	PASS	PASS	OFDM	N/A	PASS
C	6500	06/20/2024	7659	1407	6500	Head	6.128	34.321	PASS	PASS	PASS	OFDM	N/A	PASS

NOTE: The probes have been calibrated for both CW and modulated signals. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04 for scenarios when CW probe calibrations are used with other signal types. SAR systems were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to FCC KDB Publication 865664 D01v01r04.

APPENDIX H: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

Note: Some bands do not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 71 Antenna M1

Table H-1
LTE Band 71 Antenna M1 Measured P_{limit} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 133297 (680.5 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	23.45	0	0
	1	36	23.44		0
	1	74	23.48		0
	36	0	22.56	0-1	0.5
	36	18	22.45		0.5
	36	37	22.52		0.5
	75	0	22.60		0.5
16QAM	1	0	22.75	0-1	0.5
	1	36	22.89		0.5
	1	74	22.89		0.5
	36	0	21.55	0-2	1.5
	36	18	21.46		1.5
	36	37	21.53		1.5
	75	0	21.55		1.5
64QAM	1	0	21.60	0-2	1.5
	1	36	21.64		1.5
	1	74	21.66		1.5
	36	0	20.90	0-3	2.5
	36	18	20.71		2.5
	36	37	20.80		2.5
	75	0	20.85		2.5
256QAM	1	0	18.82	0-5	4.5
	1	36	18.74		4.5
	1	74	18.79		4.5
	36	0	18.82		4.5
	36	18	18.70		4.5
	36	37	18.75		4.5
	75	0	18.80		4.5

Table H-2
LTE Band 71 Antenna M1 Measured P_{limit} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 133172 (668.0 MHz)	Mid Channel 133297 (680.5 MHz)	High Channel 133422 (693.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.95	23.00	23.08	0	0
	1	25	22.91	22.94	23.27		0
	1	49	22.93	22.99	23.40		0
	25	0	22.37	22.55	22.64	0-1	0.5
	25	12	22.43	22.45	22.70		0.5
	25	25	22.50	22.53	22.80		0.5
	50	0	22.46	22.57	22.72		0.5
16QAM	1	0	22.72	22.82	22.91	0-1	0.5
	1	25	22.70	22.74	23.02		0.5
	1	49	22.66	22.86	23.17		0.5
	25	0	21.32	21.51	21.63	0-2	1.5
	25	12	21.38	21.41	21.68		1.5
	25	25	21.47	21.48	21.77		1.5
	50	0	21.38	21.50	21.70		1.5
64QAM	1	0	21.68	21.62	21.78	0-2	1.5
	1	25	21.55	21.62	21.85		1.5
	1	49	21.56	21.70	21.99		1.5
	25	0	20.63	20.81	20.89	0-3	2.5
	25	12	20.65	20.70	20.96		2.5
	25	25	20.76	20.72	21.04		2.5
	50	0	20.69	20.76	21.01		2.5
256QAM	1	0	18.75	18.81	18.90	0-5	4.5
	1	25	18.74	18.71	19.01		4.5
	1	49	18.76	18.83	19.13		4.5
	25	0	18.58	18.79	18.87		4.5
	25	12	18.64	18.63	18.93		4.5
	25	25	18.73	18.68	18.96		4.5
	50	0	18.64	18.74	18.96		4.5

Table H-3
LTE Band 71 Antenna M1 Measured P_{limit} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 133147 (665.5 MHz)	Mid Channel 133297 (680.5 MHz)	High Channel 133447 (695.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.03	23.02	23.26	0	0
	1	12	23.00	23.02	23.39		0
	1	24	22.96	22.98	23.44		0
	12	0	22.43	22.43	22.77	0-1	0.5
	12	6	22.40	22.48	22.82		0.5
	12	13	22.48	22.43	22.90		0.5
	25	0	22.47	22.54	22.90		0.5
16QAM	1	0	22.70	22.85	23.11	0-1	0.5
	1	12	22.81	22.82	23.16		0.5
	1	24	22.72	22.86	23.24		0.5
	12	0	21.48	21.51	21.87	0-2	1.5
	12	6	21.46	21.54	21.85		1.5
	12	13	21.51	21.49	21.93		1.5
	25	0	21.45	21.46	21.82		1.5
64QAM	1	0	21.65	21.64	21.87	0-2	1.5
	1	12	21.62	21.70	22.00		1.5
	1	24	21.63	21.60	22.08		1.5
	12	0	20.75	20.80	21.08	0-3	2.5
	12	6	20.74	20.75	21.11		2.5
	12	13	20.77	20.71	21.15		2.5
	25	0	20.73	20.69	21.09		2.5
256QAM	1	0	18.76	18.79	19.07	0-5	4.5
	1	12	18.71	18.79	19.13		4.5
	1	24	18.76	18.74	19.22		4.5
	12	0	18.64	18.71	19.02		4.5
	12	6	18.64	18.66	19.04		4.5
	12	13	18.66	18.62	19.06		4.5
	25	0	18.70	18.69	19.03		4.5

Table H-4
LTE Band 71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 133297 (680.5 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	15.26	0	0
	1	36	15.27		0
	1	74	15.20		0
	36	0	15.28	0-1	0
	36	18	15.23		0
	36	37	15.29		0
	75	0	15.36		0
16QAM	1	0	15.60	0-1	0
	1	36	15.59		0
	1	74	15.46		0
	36	0	15.28	0-2	0
	36	18	15.25		0
	36	37	15.32		0
	75	0	15.33		0
64QAM	1	0	15.40	0-2	0
	1	36	15.42		0
	1	74	15.37		0
	36	0	15.37	0-3	0
	36	18	15.25		0
	36	37	15.37		0
	75	0	15.31		0
256QAM	1	0	15.36	0-5	0
	1	36	15.38		0
	1	74	15.30		0
	36	0	15.33		0
	36	18	15.27		0
	36	37	15.34		0
	75	0	15.30		0

Table H-5
LTE Band 71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 133172 (668.0 MHz)	Mid Channel 133297 (680.5 MHz)	High Channel 133422 (693.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.36	15.28	15.29	0	0
	1	25	15.29	15.37	15.53		0
	1	49	15.30	15.36	15.63		0
	25	0	15.22	15.37	15.48	0-1	0
	25	12	15.33	15.34	15.48		0
	25	25	15.36	15.41	15.61		0
	50	0	15.31	15.38	15.57		0
16QAM	1	0	15.68	15.57	15.63	0-1	0
	1	25	15.58	15.63	15.80		0
	1	49	15.52	15.68	15.82		0
	25	0	15.25	15.38	15.48	0-2	0
	25	12	15.28	15.34	15.51		0
	25	25	15.35	15.41	15.64		0
	50	0	15.30	15.38	15.55		0
64QAM	1	0	15.47	15.52	15.53	0-2	0
	1	25	15.50	15.47	15.62		0
	1	49	15.45	15.49	15.80		0
	25	0	15.24	15.37	15.47	0-3	0
	25	12	15.29	15.38	15.52		0
	25	25	15.32	15.39	15.59		0
	50	0	15.33	15.40	15.56		0
256QAM	1	0	15.45	15.39	15.47	0-5	0
	1	25	15.45	15.45	15.60		0
	1	49	15.40	15.43	15.72		0
	25	0	15.22	15.39	15.48		0
	25	12	15.30	15.33	15.51		0
	25	25	15.39	15.38	15.61		0
	50	0	15.31	15.38	15.56		0

Table H-6
LTE Band 71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 133147 (665.5 MHz)	Mid Channel 133297 (680.5 MHz)	High Channel 133447 (695.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.29	15.33	15.47	0	0
	1	12	15.28	15.33	15.52		0
	1	24	15.28	15.35	15.66		0
	12	0	15.31	15.27	15.52	0-1	0
	12	6	15.31	15.36	15.54		0
	12	13	15.30	15.29	15.56		0
	25	0	15.30	15.32	15.57		0
16QAM	1	0	15.55	15.60	15.77	0-1	0
	1	12	15.56	15.65	15.81		0
	1	24	15.66	15.65	15.82		0
	12	0	15.33	15.36	15.61	0-2	0
	12	6	15.39	15.41	15.66		0
	12	13	15.37	15.39	15.67		0
	25	0	15.32	15.37	15.58		0
64QAM	1	0	15.48	15.50	15.71	0-2	0
	1	12	15.45	15.50	15.79		0
	1	24	15.42	15.49	15.79		0
	12	0	15.34	15.39	15.56	0-3	0
	12	6	15.34	15.39	15.61		0
	12	13	15.35	15.35	15.64		0
	25	0	15.33	15.33	15.56		0
256QAM	1	0	15.43	15.48	15.64	0-5	0
	1	12	15.39	15.42	15.67		0
	1	24	15.37	15.41	15.77		0
	12	0	15.29	15.35	15.53		0
	12	6	15.29	15.35	15.54		0
	12	13	15.32	15.30	15.62		0
	25	0	15.32	15.35	15.53		0

H.1.2 LTE Band 12 Antenna M1

Table H-7
LTE Band 12 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23035 (701.5 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23155 (713.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.35	23.52	23.66	0	0
	1	12	23.42	23.60	23.62		0
	1	24	23.51	23.60	23.62		0
	12	0	22.82	23.09	23.05	0-1	1
	12	6	22.88	23.04	23.08		1
	12	13	22.94	22.96	23.01		1
	25	0	22.89	23.04	23.05		1
16QAM	1	0	23.17	23.30	23.43	0-1	1
	1	12	23.25	23.44	23.42		1
	1	24	23.24	23.43	23.32		1
	12	0	21.88	22.12	22.10	0-2	2
	12	6	21.91	22.09	22.14		2
	12	13	21.94	22.03	22.08		2
	25	0	21.85	22.02	22.07		2
64QAM	1	0	22.00	22.27	22.26	0-2	2
	1	12	22.15	22.31	22.23		2
	1	24	22.21	22.26	22.26		2
	12	0	21.15	21.35	21.32	0-3	3
	12	6	21.22	21.30	21.34		3
	12	13	21.30	21.25	21.26		3
	25	0	21.16	21.25	21.28		3
256QAM	1	0	19.23	19.34	19.37	0-5	5
	1	12	19.18	19.40	19.33		5
	1	24	19.30	19.05	19.36		5
	12	0	18.99	19.25	19.22		5
	12	6	19.14	19.23	19.30		5
	12	13	19.20	19.20	19.23		5
	25	0	19.11	19.23	19.25		5

Table H-8
LTE Band 12 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23025 (700.5 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23165 (714.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.30	23.54	23.60	0	0
	1	7	23.39	23.57	23.64		0
	1	14	23.40	23.54	23.56		0
	8	0	22.86	22.98	23.07	0-1	1
	8	4	22.84	23.00	23.04		1
	8	7	22.86	23.05	23.04		1
	15	0	22.85	23.04	23.07		1
16QAM	1	0	23.13	23.30	23.40	0-1	1
	1	7	23.19	23.46	23.51		1
	1	14	23.16	23.39	23.37		1
	8	0	21.94	22.12	22.17	0-2	2
	8	4	21.93	22.09	22.09		2
	8	7	21.97	22.18	22.19		2
	15	0	21.86	22.04	22.08		2
64QAM	1	0	21.95	22.17	22.22	0-2	2
	1	7	22.09	22.22	22.20		2
	1	14	22.03	22.21	22.15		2
	8	0	21.19	21.30	21.31	0-3	3
	8	4	21.15	21.26	21.33		3
	8	7	21.21	21.26	21.32		3
	15	0	21.15	21.31	21.31		3
256QAM	1	0	19.13	19.28	19.33	0-5	5
	1	7	19.26	19.36	19.33		5
	1	14	19.22	19.30	19.34		5
	8	0	19.12	19.23	19.24		5
	8	4	19.11	19.22	19.26		5
	8	7	19.13	19.23	19.26		5
	15	0	19.12	19.23	19.25		5

Table H-9
LTE Band 12 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23017 (699.7 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23173 (715.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.31	23.44	23.48	0	0
	1	2	23.34	23.52	23.58		0
	1	5	23.33	23.51	23.54		0
	3	0	23.31	23.47	23.59		0
	3	2	23.35	23.52	23.57		0
	3	3	23.35	23.51	23.57		0
	6	0	22.78	22.99	23.07	0-1	1
16QAM	1	0	23.18	23.26	23.33	0-1	1
	1	2	23.10	23.29	23.31		1
	1	5	23.12	23.29	23.35		1
	3	0	22.92	23.08	23.17		1
	3	2	22.96	23.13	23.19		1
	3	3	22.95	23.09	23.15		1
	6	0	21.86	22.04	22.08	0-2	2
64QAM	1	0	21.96	22.10	22.20	0-2	2
	1	2	22.02	22.25	22.24		2
	1	5	21.96	22.16	22.17		2
	3	0	21.89	22.02	22.07		2
	3	2	21.93	22.12	22.12		2
	3	3	21.85	22.04	22.13		2
	6	0	21.13	21.26	21.30	0-3	3
256QAM	1	0	19.14	19.35	19.37	0-5	5
	1	2	19.23	19.39	19.38		5
	1	5	19.11	19.36	19.34		5
	3	0	19.14	19.33	19.36		5
	3	2	19.14	19.30	19.38		5
	3	3	19.16	19.29	19.32		5
	6	0	19.04	19.20	19.25		5

Table H-10
LTE Band 12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23035 (701.5 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23155 (713.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	16.26	16.28	16.25	0	0
	1	12	16.31	16.29	16.29		0
	1	24	16.30	16.27	16.32		0
	12	0	16.27	16.28	16.23	0-1	0
	12	6	16.23	16.24	16.29		0
	12	13	16.23	16.20	16.29		0
	25	0	16.28	16.27	16.33		0
16QAM	1	0	16.48	16.45	16.48	0-1	0
	1	12	16.48	16.47	16.45		0
	1	24	16.47	16.48	16.46		0
	12	0	16.39	16.22	16.31	0-2	0
	12	6	16.31	16.31	16.37		0
	12	13	16.26	16.25	16.36		0
	25	0	16.26	16.29	16.31		0
64QAM	1	0	16.44	16.44	16.45	0-2	0
	1	12	16.35	16.48	16.45		0
	1	24	16.44	16.41	16.45		0
	12	0	16.34	16.30	16.31	0-3	0
	12	6	16.30	16.26	16.35		0
	12	13	16.27	16.27	16.32		0
	25	0	16.27	16.21	16.27		0
256QAM	1	0	16.34	16.33	16.33	0-5	0
	1	12	16.40	16.40	16.38		0
	1	24	16.33	16.33	16.38		0
	12	0	16.30	16.30	16.28		0
	12	6	16.23	16.23	16.32		0
	12	13	16.25	16.18	16.28		0
	25	0	16.28	16.26	16.28		0

Table H-11
LTE Band 12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23025 (700.5 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23165 (714.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	16.20	16.19	16.30	0	0
	1	7	16.13	16.31	16.30		0
	1	14	16.13	16.28	16.28		0
	8	0	16.16	16.29	16.33	0-1	0
	8	4	16.12	16.25	16.30		0
	8	7	16.16	16.25	16.33		0
	15	0	16.16	16.29	16.36		0
16QAM	1	0	16.37	16.41	16.42	0-1	0
	1	7	16.43	16.36	16.45		0
	1	14	16.41	16.44	16.48		0
	8	0	16.23	16.42	16.44	0-2	0
	8	4	16.23	16.38	16.38		0
	8	7	16.27	16.40	16.45		0
	15	0	16.14	16.32	16.37		0
64QAM	1	0	16.31	16.35	16.37	0-2	0
	1	7	16.33	16.47	16.40		0
	1	14	16.38	16.42	16.48		0
	8	0	16.17	16.29	16.33	0-3	0
	8	4	16.16	16.31	16.35		0
	8	7	16.20	16.31	16.40		0
	15	0	16.17	16.32	16.39		0
256QAM	1	0	16.23	16.35	16.39	0-5	0
	1	7	16.23	16.42	16.48		0
	1	14	16.32	16.36	16.47		0
	8	0	16.17	16.35	16.36		0
	8	4	16.14	16.27	16.35		0
	8	7	16.17	16.34	16.35		0
	15	0	16.15	16.32	16.35		0

Table H-12
LTE Band 12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23017 (699.7 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23173 (715.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	16.09	16.23	16.22	0	0
	1	2	16.08	16.30	16.32		0
	1	5	16.11	16.26	16.29		0
	3	0	16.08	16.23	16.32		0
	3	2	16.13	16.23	16.33		0
	3	3	16.12	16.25	16.32		0
	6	0	16.09	16.28	16.33	0-1	0
16QAM	1	0	16.47	16.48	16.48	0-1	0
	1	2	16.47	16.48	16.47		0
	1	5	16.32	16.44	16.48		0
	3	0	16.24	16.40	16.44		0
	3	2	16.18	16.33	16.45		0
	3	3	16.21	16.41	16.44		0
	6	0	16.13	16.29	16.39	0-2	0
64QAM	1	0	16.23	16.38	16.38	0-2	0
	1	2	16.28	16.45	16.48		0
	1	5	16.26	16.46	16.41		0
	3	0	16.17	16.34	16.39		0
	3	2	16.16	16.32	16.42		0
	3	3	16.21	16.33	16.40		0
	6	0	16.10	16.16	16.29	0-3	0
256QAM	1	0	16.15	16.39	16.40	0-5	0
	1	2	16.21	16.40	16.48		0
	1	5	16.19	16.39	16.46		0
	3	0	16.17	16.38	16.44		0
	3	2	16.21	16.41	16.48		0
	3	3	16.22	16.38	16.44		0
	6	0	16.11	16.22	16.34		0

H.1.3 LTE Band 13 Antenna M1

Table H-13
LTE Band 13 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 23230 (782.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	23.34	0	0
	1	12	23.33		0
	1	24	23.18		0
	12	0	22.74	0-1	1
	12	6	22.74		1
	12	13	22.64		1
	25	0	22.72		1
16QAM	1	0	23.13	0-1	1
	1	12	23.12		1
	1	24	23.02		1
	12	0	21.77	0-2	2
	12	6	21.80		2
	12	13	21.71		2
	25	0	21.70		2
64QAM	1	0	21.98	0-2	2
	1	12	21.91		2
	1	24	21.85		2
	12	0	20.73	0-3	3
	12	6	20.71		3
	12	13	20.62		3
	25	0	20.65		3
256QAM	1	0	19.08	0-5	5
	1	12	19.08		5
	1	24	18.93		5
	12	0	18.97		5
	12	6	18.93		5
	12	13	18.88		5
	25	0	18.94		5

Table H-14
LTE Band 13 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 23230 (782.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	14.05	0	0
	1	12	13.94		0
	1	24	13.82		0
	12	0	13.96	0-1	0
	12	6	13.94		0
	12	13	13.83		0
	25	0	13.94		0
16QAM	1	0	14.40	0-1	0
	1	12	14.24		0
	1	24	14.20		0
	12	0	14.01	0-2	0
	12	6	14.00		0
	12	13	13.97		0
	25	0	13.91		0
64QAM	1	0	14.20	0-2	0
	1	12	14.14		0
	1	24	14.00		0
	12	0	14.01	0-3	0
	12	6	13.97		0
	12	13	13.87		0
	25	0	13.90		0
256QAM	1	0	14.15	0-5	0
	1	12	13.99		0
	1	24	13.93		0
	12	0	13.95		0
	12	6	13.93		0
	12	13	13.87		0
	25	0	14.00		0

H.1.4 LTE Band 14 Antenna M1

Table H-15
LTE Band 14 Antenna M1 Measured P_{limit} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 23330 (793.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	23.14	0	0
	1	12	23.08		0
	1	24	23.04		0
	12	0	22.58	0-1	0.5
	12	6	22.58		0.5
	12	13	22.49		0.5
	25	0	22.59		0.5
16QAM	1	0	22.90	0-1	0.5
	1	12	22.85		0.5
	1	24	22.87		0.5
	12	0	21.62	0-2	1.5
	12	6	21.62		1.5
	12	13	21.56		1.5
	25	0	21.55		1.5
64QAM	1	0	21.81	0-2	1.5
	1	12	21.83		1.5
	1	24	21.75		1.5
	12	0	20.54	0-3	2.5
	12	6	20.56		2.5
	12	13	20.48		2.5
	25	0	20.50		2.5
256QAM	1	0	18.88	0-5	4.5
	1	12	18.94		4.5
	1	24	18.85		4.5
	12	0	18.72		4.5
	12	6	18.78		4.5
	12	13	18.75		4.5
	25	0	18.79		4.5

Table H-16
LTE Band 14 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 23330 (793.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	13.80	0	0
	1	12	13.87		0
	1	24	13.82		0
	12	0	13.77	0-1	0
	12	6	13.79		0
	12	13	13.78		0
	25	0	13.80		0
16QAM	1	0	14.12	0-1	0
	1	12	14.17		0
	1	24	14.12		0
	12	0	13.89	0-2	0
	12	6	13.87		0
	12	13	13.89		0
	25	0	13.81		0
64QAM	1	0	13.98	0-2	0
	1	12	14.03		0
	1	24	14.00		0
	12	0	13.81	0-3	0
	12	6	13.83		0
	12	13	13.87		0
	25	0	13.83		0
256QAM	1	0	13.86	0-5	0
	1	12	13.98		0
	1	24	13.88		0
	12	0	13.77		0
	12	6	13.79		0
	12	13	13.80		0
	25	0	13.83		0

H.1.5 LTE Band 26 Antenna M1

Table H-17
LTE Band 26 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26740 (819.0 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 26990 (844.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.07	23.51	23.31	0	0
	1	25	22.95	23.62	23.34		0
	1	49	22.90	23.74	23.34		0
	25	0	22.50	22.61	22.87	0-1	1
	25	12	22.44	22.58	22.81		1
	25	25	22.44	22.70	22.78		1
	50	0	22.49	22.68	22.86		1
16QAM	1	0	22.87	22.82	23.11	0-1	1
	1	25	22.85	22.88	23.08		1
	1	49	22.73	23.15	23.10		1
	25	0	21.47	21.60	21.83	0-2	2
	25	12	21.41	21.57	21.83		2
	25	25	21.44	21.67	21.76		2
	50	0	21.44	21.60	21.78		2
64QAM	1	0	21.78	21.72	21.96	0-2	2
	1	25	21.54	21.79	21.95		2
	1	49	21.59	21.92	22.01		2
	25	0	20.42	20.58	20.81	0-3	3
	25	12	20.36	20.54	20.76		3
	25	25	20.34	20.63	20.72		3
	50	0	20.41	20.63	20.77		3
256QAM	1	0	18.81	18.78	19.02	0-5	5
	1	25	18.73	18.91	19.13		5
	1	49	18.69	18.97	19.06		5
	25	0	18.63	18.78	19.05		5
	25	12	18.63	18.78	19.01		5
	25	25	18.63	18.83	18.93		5
	50	0	18.66	18.77	19.00		5

Table H-18
LTE Band 26 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26715 (816.5 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27015 (846.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.09	23.35	23.39	0	0
	1	12	23.02	23.42	23.39		0
	1	24	23.02	23.70	23.37		0
	12	0	22.48	22.61	22.86	0-1	1
	12	6	22.46	22.59	22.84		1
	12	13	22.48	22.70	22.82		1
	25	0	22.52	22.69	22.88		1
16QAM	1	0	22.87	22.93	23.22	0-1	1
	1	12	22.87	22.98	23.10		1
	1	24	22.81	23.07	23.18		1
	12	0	21.58	21.70	21.91	0-2	2
	12	6	21.56	21.66	21.88		2
	12	13	21.53	21.65	21.86		2
	25	0	21.48	21.64	21.84		2
64QAM	1	0	21.76	21.76	22.02	0-2	2
	1	12	21.72	21.81	22.05		2
	1	24	21.67	21.88	22.05		2
	12	0	20.52	20.62	20.88	0-3	3
	12	6	20.48	20.62	20.82		3
	12	13	20.44	20.59	20.80		3
	25	0	20.47	20.61	20.79		3
256QAM	1	0	18.84	18.86	19.12	0-5	5
	1	12	18.86	18.93	19.14		5
	1	24	18.74	18.88	19.08		5
	12	0	18.73	18.77	19.02		5
	12	6	18.72	18.81	19.05		5
	12	13	18.66	18.78	18.99		5
	25	0	18.69	18.82	19.04		5

Table H-19
LTE Band 26 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26705 (815.5 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27025 (847.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.99	23.34	23.32	0	0
	1	7	23.00	23.42	23.34		0
	1	14	22.89	23.70	23.32		0
	8	0	22.54	22.60	22.84	0-1	1
	8	4	22.44	22.59	22.81		1
	8	7	22.49	22.71	22.84		1
	15	0	22.52	22.62	22.86		1
16QAM	1	0	22.87	22.89	23.21	0-1	1
	1	7	22.76	23.01	23.15		1
	1	14	22.74	23.01	23.23		1
	8	0	21.64	21.68	21.90	0-2	2
	8	4	21.50	21.69	21.90		2
	8	7	21.58	21.73	21.92		2
	15	0	21.50	21.61	21.83		2
64QAM	1	0	21.76	21.75	21.93	0-2	2
	1	7	21.66	21.83	21.94		2
	1	14	21.62	21.82	21.88		2
	8	0	20.54	20.60	20.81	0-3	3
	8	4	20.45	20.57	20.79		3
	8	7	20.48	20.60	20.80		3
	15	0	20.50	20.59	20.83		3
256QAM	1	0	18.84	18.89	19.07	0-5	5
	1	7	18.79	18.90	19.10		5
	1	14	18.80	18.93	19.01		5
	8	0	18.76	18.82	19.02		5
	8	4	18.73	18.78	18.98		5
	8	7	18.73	18.84	18.98		5
	15	0	18.76	18.83	19.00		5

Table H-20
LTE Band 26 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26697 (814.7 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27033 (848.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.04	23.34	23.33	0	0
	1	2	23.06	23.42	23.32		0
	1	5	23.02	23.70	23.31		0
	3	0	23.05	23.06	23.31		0
	3	2	23.06	23.01	23.32		0
	3	3	23.04	23.11	23.31		0
	6	0	22.49	22.58	22.85	0-1	1
16QAM	1	0	22.88	22.82	23.22	0-1	1
	1	2	22.91	22.98	23.19		1
	1	5	22.83	22.90	23.13		1
	3	0	22.71	22.68	22.98		1
	3	2	22.67	22.73	22.95		1
	3	3	22.62	22.74	22.94		1
	6	0	21.56	21.66	21.87	0-2	2
64QAM	1	0	21.73	21.73	21.94	0-2	2
	1	2	21.74	21.77	22.03		2
	1	5	21.68	21.73	21.96		2
	3	0	21.55	21.62	21.86		2
	3	2	21.55	21.62	21.88		2
	3	3	21.57	21.68	21.89		2
	6	0	20.49	20.55	20.81	0-3	3
256QAM	1	0	18.82	18.82	19.05	0-5	5
	1	2	18.84	18.87	19.12		5
	1	5	18.78	18.87	19.06		5
	3	0	18.83	18.80	19.07		5
	3	2	18.80	18.86	19.07		5
	3	3	18.79	18.83	19.02		5
	6	0	18.68	18.71	18.94		5

Table H-21
LTE Band 26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26740 (819.0 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 26990 (844.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.87	13.69	13.90	0	0
	1	25	13.76	13.79	14.00		0
	1	49	13.70	13.88	13.95		0
	25	0	13.78	13.92	14.06	0-1	0
	25	12	13.77	13.91	14.04		0
	25	25	13.78	13.86	13.93		0
	50	0	13.79	13.89	14.04		0
16QAM	1	0	14.00	14.04	14.07	0-1	0
	1	25	14.03	14.15	14.15		0
	1	49	13.99	14.10	14.14		0
	25	0	13.81	13.86	14.09	0-2	0
	25	12	13.71	13.87	14.06		0
	25	25	13.74	13.87	13.96		0
	50	0	13.74	13.91	14.01		0
64QAM	1	0	14.05	13.94	14.06	0-2	0
	1	25	13.92	14.02	14.09		0
	1	49	13.88	14.09	14.04		0
	25	0	13.80	13.85	14.05	0-3	0
	25	12	13.74	13.91	14.05		0
	25	25	13.73	13.82	13.97		0
	50	0	13.79	13.91	14.02		0
256QAM	1	0	14.00	13.87	14.07	0-5	0
	1	25	13.90	13.92	14.12		0
	1	49	13.77	13.98	14.04		0
	25	0	13.78	13.85	14.08		0
	25	12	13.72	13.92	14.05		0
	25	25	13.78	13.84	13.94		0
	50	0	13.81	13.90	14.02		0

Table H-22
LTE Band 26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26715 (816.5 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27015 (846.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.91	13.77	13.91	0	0
	1	12	13.80	13.80	14.01		0
	1	24	13.76	13.85	13.98		0
	12	0	13.80	13.84	14.03	0-1	0
	12	6	13.79	13.89	14.03		0
	12	13	13.75	13.78	13.94		0
	25	0	13.82	13.83	14.00		0
16QAM	1	0	14.10	14.11	14.15	0-1	0
	1	12	14.01	14.06	14.13		0
	1	24	14.06	14.13	14.15		0
	12	0	13.91	13.99	14.05	0-2	0
	12	6	13.91	13.90	14.11		0
	12	13	13.81	13.85	14.06		0
	25	0	13.78	13.84	14.00		0
64QAM	1	0	14.05	14.05	14.11	0-2	0
	1	12	14.01	13.97	14.14		0
	1	24	13.94	14.00	14.15		0
	12	0	13.86	13.97	14.05	0-3	0
	12	6	13.87	13.89	14.08		0
	12	13	13.82	13.82	14.01		0
	25	0	13.76	13.81	13.97		0
256QAM	1	0	13.90	13.89	14.14	0-5	0
	1	12	13.88	13.91	14.10		0
	1	24	13.88	13.98	14.06		0
	12	0	13.84	13.89	14.04		0
	12	6	13.85	13.85	14.03		0
	12	13	13.80	13.79	13.95		0
	25	0	13.78	13.84	13.99		0

Table H-23
LTE Band 26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26705 (815.5 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27025 (847.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.71	13.72	13.86	0	0
	1	7	13.79	13.76	13.96		0
	1	14	13.76	13.73	13.92		0
	8	0	13.85	13.87	14.04	0-1	0
	8	4	13.80	13.82	13.98		0
	8	7	13.78	13.76	13.96		0
	15	0	13.81	13.85	13.98		0
16QAM	1	0	14.07	14.07	14.14	0-1	0
	1	7	14.07	14.14	14.14		0
	1	14	14.01	14.04	14.13		0
	8	0	13.98	13.93	14.12	0-2	0
	8	4	13.89	13.96	14.05		0
	8	7	13.91	13.92	14.13		0
	15	0	13.83	13.89	14.06		0
64QAM	1	0	13.99	13.95	14.07	0-2	0
	1	7	13.98	13.97	14.11		0
	1	14	13.97	13.98	14.14		0
	8	0	13.90	13.87	14.07	0-3	0
	8	4	13.80	13.85	13.99		0
	8	7	13.82	13.82	14.00		0
	15	0	13.83	13.90	14.05		0
256QAM	1	0	13.92	13.84	14.03	0-5	0
	1	7	13.95	13.93	14.07		0
	1	14	13.89	13.89	14.05		0
	8	0	13.87	13.88	14.03		0
	8	4	13.79	13.83	14.01		0
	8	7	13.80	13.78	14.01		0
	15	0	13.83	13.89	14.04		0

Table H-24
LTE Band 26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26697 (814.7 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27033 (848.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.70	13.71	13.85	0	0
	1	2	13.72	13.77	13.94		0
	1	5	13.76	13.75	13.92		0
	3	0	13.83	13.81	13.96		0
	3	2	13.83	13.82	13.99		0
	3	3	13.83	13.78	13.94		0
	6	0	13.86	13.80	13.98	0-1	0
16QAM	1	0	14.14	14.15	14.11	0-1	0
	1	2	14.14	14.14	14.15		0
	1	5	14.05	14.05	14.15		0
	3	0	13.96	13.90	14.14		0
	3	2	13.93	13.91	14.12		0
	3	3	13.90	13.85	14.07		0
	6	0	13.87	13.87	14.00	0-2	0
64QAM	1	0	14.03	13.99	14.05	0-2	0
	1	2	14.01	13.97	14.15		0
	1	5	13.96	13.93	14.14		0
	3	0	13.87	13.84	14.07		0
	3	2	13.90	13.89	14.04		0
	3	3	13.88	13.82	14.04		0
	6	0	13.84	13.85	13.99	0-3	0
256QAM	1	0	13.88	13.92	14.07	0-5	0
	1	2	13.95	13.89	14.07		0
	1	5	13.88	13.90	14.04		0
	3	0	13.93	13.90	14.06		0
	3	2	13.88	13.94	14.04		0
	3	3	13.89	13.90	14.04		0
	6	0	13.79	13.80	13.98		0

H.1.6 LTE Band 66 Antenna M1

Table H-25
LTE Band 66 (AWS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.82	23.62	23.57	0	0
	1	36	23.82	23.81	23.70		0
	1	74	23.83	23.80	23.64		0
	36	0	22.74	22.68	22.52	0-1	1
	36	18	22.82	22.74	22.62		1
	36	37	22.79	22.73	22.64		1
	75	0	22.80	22.75	22.64		1
16QAM	1	0	23.06	23.05	22.80	0-1	1
	1	36	23.04	23.13	22.99		1
	1	74	23.05	23.12	22.89		1
	36	0	21.74	21.71	21.52	0-2	2
	36	18	21.77	21.73	21.60		2
	36	37	21.81	21.59	21.64		2
	75	0	21.75	21.69	21.61		2
64QAM	1	0	22.00	21.74	21.79	0-2	2
	1	36	22.04	21.96	21.82		2
	1	74	21.86	21.86	21.79		2
	36	0	21.11	21.09	20.86	0-3	3
	36	18	21.11	21.09	20.89		3
	36	37	21.08	21.08	20.95		3
	75	0	21.08	20.99	20.91		3
256QAM	1	0	19.20	19.08	18.84	0-5	5
	1	36	19.12	19.15	18.98		5
	1	74	19.14	19.10	19.06		5
	36	0	19.09	19.06	18.79		5
	36	18	19.08	19.08	18.88		5
	36	37	19.02	19.04	18.89		5
	75	0	19.04	18.97	18.89		5

Table H-26
LTE Band 66 (AWS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.85	23.74	23.63	0	0
	1	12	23.93	23.78	23.89		0
	1	24	23.89	23.82	23.68		0
	12	0	22.92	22.80	22.68	0-1	1
	12	6	22.83	22.82	22.74		1
	12	13	22.83	22.71	22.55		1
	25	0	22.93	22.83	22.69		1
16QAM	1	0	23.09	23.16	23.07	0-1	1
	1	12	23.14	23.02	23.00		1
	1	24	23.31	23.00	22.90		1
	12	0	21.90	21.84	21.69	0-2	2
	12	6	21.91	21.87	21.74		2
	12	13	21.81	21.77	21.68		2
	25	0	21.85	21.72	21.62		2
64QAM	1	0	21.99	21.90	21.74	0-2	2
	1	12	21.92	22.01	21.80		2
	1	24	21.96	21.95	21.79		2
	12	0	21.20	21.15	21.00	0-3	3
	12	6	21.20	21.15	21.02		3
	12	13	21.17	21.09	20.98		3
	25	0	21.19	21.09	20.94		3
256QAM	1	0	19.24	19.29	19.00	0-5	5
	1	12	19.38	19.16	19.06		5
	1	24	19.27	19.18	19.16		5
	12	0	19.12	19.06	18.85		5
	12	6	19.09	19.07	18.87		5
	12	13	19.11	19.03	18.88		5
	25	0	19.12	19.02	18.85		5

Table H-27
LTE Band 66 (AWS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.82	23.72	23.57	0	0
	1	7	23.85	23.79	23.64		0
	1	14	23.87	23.78	23.63		0
	8	0	22.88	22.85	22.70	0-1	1
	8	4	22.85	22.78	22.63		1
	8	7	22.90	22.81	22.64		1
	15	0	22.86	22.80	22.57		1
16QAM	1	0	23.17	23.17	23.04	0-1	1
	1	7	23.37	23.19	22.90		1
	1	14	23.14	23.13	22.86		1
	8	0	22.01	21.86	21.71	0-2	2
	8	4	21.96	21.85	21.71		2
	8	7	21.96	21.90	21.71		2
	15	0	21.89	21.70	21.64		2
64QAM	1	0	22.02	21.80	21.79	0-2	2
	1	7	21.98	21.98	21.77		2
	1	14	21.96	21.89	21.72		2
	8	0	21.27	21.13	21.06	0-3	3
	8	4	21.24	21.13	20.99		3
	8	7	21.22	21.12	20.99		3
	15	0	21.22	21.15	21.11		3
256QAM	1	0	19.22	19.18	19.05	0-5	5
	1	7	19.24	19.26	19.00		5
	1	14	19.24	19.21	18.99		5
	8	0	19.18	19.10	18.97		5
	8	4	19.15	19.04	18.92		5
	8	7	19.20	19.05	18.92		5
	15	0	19.22	19.07	18.98		5

Table H-28
LTE Band 66 (AWS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.89	23.82	23.63	0	0
	1	2	23.92	23.85	23.71		0
	1	5	23.96	23.80	23.64		0
	3	0	23.89	23.74	23.74		0
	3	2	23.94	23.85	23.68		0
	3	3	23.88	23.73	23.75		0
	6	0	22.90	22.85	22.71	0-1	1
16QAM	1	0	23.09	23.11	22.98	0-1	1
	1	2	23.23	23.21	23.07		1
	1	5	23.20	23.09	22.89		1
	3	0	23.05	22.89	22.79		1
	3	2	23.05	22.89	22.80		1
	3	3	22.95	22.80	22.77		1
	6	0	22.04	21.89	21.72	0-2	2
64QAM	1	0	21.98	22.00	21.84	0-2	2
	1	2	22.07	22.10	21.96		2
	1	5	22.04	21.95	21.79		2
	3	0	21.90	21.85	21.77		2
	3	2	21.90	21.79	21.77		2
	3	3	22.00	21.80	21.70		2
	6	0	21.20	21.12	20.98	0-3	3
256QAM	1	0	19.15	19.32	19.07	0-5	5
	1	2	19.29	19.28	19.07		5
	1	5	19.19	19.22	19.12		5
	3	0	19.23	19.19	19.06		5
	3	2	19.18	19.09	19.08		5
	3	3	19.20	19.19	19.06		5
	6	0	19.15	19.08	18.97		5

Table H-29
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.13	14.36	14.52	0	0
	1	36	14.21	14.38	14.58		0
	1	74	14.23	14.43	14.70		0
	36	0	14.06	14.30	14.46	0-1	0
	36	18	14.12	14.28	14.63		0
	36	37	14.19	14.37	14.65		0
	75	0	14.22	14.38	14.59		0
16QAM	1	0	14.38	14.54	14.85	0-1	0
	1	36	14.46	14.69	14.80		0
	1	74	14.43	14.72	14.78		0
	36	0	14.08	14.36	14.54	0-2	0
	36	18	14.12	14.31	14.62		0
	36	37	14.19	14.42	14.63		0
	75	0	14.17	14.40	14.54		0
64QAM	1	0	14.33	14.49	14.76	0-2	0
	1	36	14.40	14.50	14.77		0
	1	74	14.36	14.71	14.80		0
	36	0	14.12	14.34	14.56	0-3	0
	36	18	14.18	14.36	14.58		0
	36	37	14.19	14.43	14.64		0
	75	0	14.15	14.34	14.58		0
256QAM	1	0	14.19	14.32	14.66	0-5	0
	1	36	14.28	14.47	14.70		0
	1	74	14.22	14.62	14.80		0
	36	0	14.11	14.36	14.47		0
	36	18	14.14	14.35	14.55		0
	36	37	14.11	14.40	14.66		0
	75	0	14.19	14.41	14.58		0

Table H-30
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.13	14.39	14.59	0	0
	1	12	14.14	14.27	14.65		0
	1	24	14.21	14.33	14.63		0
	12	0	14.14	14.37	14.65	0-1	0
	12	6	14.14	14.40	14.60		0
	12	13	14.08	14.33	14.59		0
	25	0	14.19	14.44	14.65		0
16QAM	1	0	14.40	14.60	14.80	0-1	0
	1	12	14.42	14.74	14.75		0
	1	24	14.39	14.59	14.71		0
	12	0	14.20	14.38	14.74	0-2	0
	12	6	14.20	14.41	14.65		0
	12	13	14.22	14.39	14.65		0
	25	0	14.16	14.37	14.63		0
64QAM	1	0	14.34	14.54	14.78	0-2	0
	1	12	14.38	14.61	14.84		0
	1	24	14.36	14.60	14.82		0
	12	0	14.16	14.38	14.71	0-3	0
	12	6	14.19	14.42	14.70		0
	12	13	14.13	14.30	14.66		0
	25	0	14.11	14.35	14.66		0
256QAM	1	0	14.12	14.51	14.66	0-5	0
	1	12	14.27	14.45	14.79		0
	1	24	14.25	14.41	14.80		0
	12	0	14.16	14.33	14.60		0
	12	6	14.13	14.39	14.64		0
	12	13	14.09	14.36	14.59		0
	25	0	14.10	14.35	14.63		0

Table H-31
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.43	14.41	14.27	0	0
	1	7	14.43	14.41	14.25		0
	1	14	14.46	14.43	14.25		0
	8	0	14.52	14.43	14.31	0-1	0
	8	4	14.47	14.44	14.31		0
	8	7	14.46	14.38	14.25		0
	15	0	14.49	14.38	14.36		0
16QAM	1	0	14.76	14.62	14.46	0-1	0
	1	7	14.75	14.67	14.60		0
	1	14	14.79	14.82	14.55		0
	8	0	14.63	14.54	14.37	0-2	0
	8	4	14.58	14.53	14.41		0
	8	7	14.60	14.53	14.38		0
	15	0	14.49	14.44	14.34		0
64QAM	1	0	14.67	14.61	14.43	0-2	0
	1	7	14.65	14.67	14.52		0
	1	14	14.68	14.65	14.48		0
	8	0	14.54	14.53	14.33	0-3	0
	8	4	14.49	14.39	14.31		0
	8	7	14.55	14.45	14.36		0
	15	0	14.54	14.48	14.30		0
256QAM	1	0	14.59	14.53	14.39	0-5	0
	1	7	14.57	14.49	14.40		0
	1	14	14.57	14.50	14.37		0
	8	0	14.56	14.46	14.29		0
	8	4	14.47	14.47	14.31		0
	8	7	14.53	14.40	14.39		0
	15	0	14.51	14.39	14.37		0

Table H-32
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.35	14.43	14.25	0	0
	1	2	14.39	14.47	14.22		0
	1	5	14.30	14.44	14.29		0
	3	0	14.31	14.40	14.31		0
	3	2	14.33	14.40	14.31		0
	3	3	14.32	14.45	14.31		0
	6	0	14.32	14.42	14.30	0-1	0
16QAM	1	0	14.74	14.67	14.56	0-1	0
	1	2	14.67	14.70	14.64		0
	1	5	14.56	14.80	14.58		0
	3	0	14.40	14.53	14.43		0
	3	2	14.45	14.49	14.47		0
	3	3	14.38	14.46	14.40		0
	6	0	14.40	14.47	14.40	0-2	0
64QAM	1	0	14.53	14.60	14.42	0-2	0
	1	2	14.56	14.65	14.45		0
	1	5	14.49	14.59	14.50		0
	3	0	14.37	14.46	14.42		0
	3	2	14.40	14.52	14.37		0
	3	3	14.44	14.51	14.43		0
	6	0	14.32	14.41	14.34	0-3	0
256QAM	1	0	14.49	14.53	14.41	0-5	0
	1	2	14.53	14.53	14.45		0
	1	5	14.48	14.61	14.47		0
	3	0	14.42	14.53	14.36		0
	3	2	14.46	14.53	14.42		0
	3	3	14.46	14.53	14.38		0
	6	0	14.35	14.45	14.30		0

Table H-33
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.38	22.31	22.09	0	0
	1	36	22.40	22.38	22.13		0
	1	74	22.36	22.29	22.13		0
	36	0	22.33	22.30	22.07	0-1	0
	36	18	22.40	22.33	22.12		0
	36	37	22.40	22.30	22.12		0
	75	0	22.36	22.36	22.16		0
16QAM	1	0	22.56	22.55	22.26	0-1	0
	1	36	22.55	22.54	22.46		0
	1	74	22.53	22.51	22.47		0
	36	0	21.91	21.84	21.58	0-2	0.5
	36	18	21.90	21.77	21.63		0.5
	36	37	21.87	21.80	21.64		0.5
	75	0	21.86	21.78	21.62		0.5
64QAM	1	0	22.03	21.95	21.72	0-2	0.5
	1	36	22.02	22.04	21.79		0.5
	1	74	22.10	22.08	21.89		0.5
	36	0	21.25	21.26	21.00	0-3	1.5
	36	18	21.30	21.23	21.09		1.5
	36	37	21.29	21.25	21.02		1.5
	75	0	21.31	21.26	20.98		1.5
256QAM	1	0	19.28	19.30	19.10	0-5	3.5
	1	36	19.33	19.37	19.15		3.5
	1	74	19.39	19.32	19.08		3.5
	36	0	19.19	19.20	19.00		3.5
	36	18	19.24	19.19	18.99		3.5
	36	37	19.25	19.14	18.99		3.5
	75	0	19.28	19.24	18.98		3.5

Table H-34
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132022 (1715.0 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.44	22.34	22.18	0	0
	1	25	22.40	22.38	22.17		0
	1	49	22.44	22.37	22.19		0
	25	0	22.44	22.35	22.17	0-1	0
	25	12	22.44	22.38	22.17		0
	25	25	22.40	22.28	22.14		0
	50	0	22.38	22.36	22.16		0
16QAM	1	0	22.56	22.56	22.37	0-1	0
	1	25	22.54	22.52	22.47		0
	1	49	22.51	22.49	22.50		0
	25	0	21.88	21.90	21.60	0-2	0.5
	25	12	21.89	21.85	21.62		0.5
	25	25	21.82	21.86	21.59		0.5
	50	0	21.89	21.80	21.55		0.5
64QAM	1	0	22.05	22.11	21.88	0-2	0.5
	1	25	22.12	22.09	21.83		0.5
	1	49	22.14	22.11	21.80		0.5
	25	0	21.29	21.32	21.03	0-3	1.5
	25	12	21.31	21.32	21.03		1.5
	25	25	21.33	21.14	21.01		1.5
	50	0	21.36	21.28	20.99		1.5
256QAM	1	0	19.36	19.32	19.00	0-5	3.5
	1	25	19.42	19.46	19.09		3.5
	1	49	19.38	19.36	19.17		3.5
	25	0	19.22	19.21	18.99		3.5
	25	12	19.23	19.27	19.04		3.5
	25	25	19.22	19.20	19.01		3.5
	50	0	19.22	19.23	19.01		3.5

Table H-35
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.46	22.34	22.17	0	0
	1	12	22.43	22.41	22.27		0
	1	24	22.48	22.37	22.25		0
	12	0	22.46	22.35	22.16	0-1	0
	12	6	22.44	22.38	22.14		0
	12	13	22.40	22.29	22.09		0
	25	0	22.41	22.36	22.12		0
16QAM	1	0	22.55	22.56	22.44	0-1	0
	1	12	22.50	22.51	22.47		0
	1	24	22.51	22.48	22.41		0
	12	0	21.99	21.92	21.71	0-2	0.5
	12	6	21.98	21.91	21.66		0.5
	12	13	21.96	21.89	21.67		0.5
	25	0	21.92	21.86	21.62		0.5
64QAM	1	0	22.17	22.09	21.79	0-2	0.5
	1	12	22.19	22.19	21.94		0.5
	1	24	22.10	22.11	21.80		0.5
	12	0	21.31	21.29	21.11	0-3	1.5
	12	6	21.35	21.34	21.10		1.5
	12	13	21.26	21.26	21.03		1.5
	25	0	21.30	21.28	21.04		1.5
256QAM	1	0	19.40	19.37	19.08	0-5	3.5
	1	12	19.40	19.43	19.22		3.5
	1	24	19.42	19.36	19.20		3.5
	12	0	19.29	19.24	19.02		3.5
	12	6	19.28	19.27	19.05		3.5
	12	13	19.20	19.13	18.96		3.5
	25	0	19.28	19.22	19.03		3.5

Table H-36
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.39	22.34	22.09	0	0
	1	7	22.43	22.29	22.11		0
	1	14	22.40	22.37	22.13		0
	8	0	22.39	22.35	22.13	0-1	0
	8	4	22.46	22.32	22.08		0
	8	7	22.39	22.31	22.09		0
	15	0	22.43	22.35	22.18		0
16QAM	1	0	22.55	22.51	22.35	0-1	0
	1	7	22.54	22.45	22.38		0
	1	14	22.52	22.47	22.39		0
	8	0	22.02	22.00	21.68	0-2	0.5
	8	4	21.96	21.90	21.66		0.5
	8	7	22.03	22.00	21.74		0.5
	15	0	21.94	21.87	21.61		0.5
64QAM	1	0	22.10	21.95	21.83	0-2	0.5
	1	7	21.97	22.09	21.89		0.5
	1	14	22.08	21.98	21.77		0.5
	8	0	21.32	21.31	21.09	0-3	1.5
	8	4	21.26	21.29	21.06		1.5
	8	7	21.29	21.27	21.13		1.5
	15	0	21.32	21.30	21.09		1.5
256QAM	1	0	19.38	19.33	19.10	0-5	3.5
	1	7	19.39	19.35	19.09		3.5
	1	14	19.33	19.33	19.13		3.5
	8	0	19.28	19.31	19.11		3.5
	8	4	19.22	19.23	19.03		3.5
	8	7	19.22	19.21	19.01		3.5
	15	0	19.30	19.25	19.08		3.5

Table H-37
LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.41	22.32	22.11	0	0
	1	2	22.48	22.41	22.09		0
	1	5	22.43	22.37	22.16		0
	3	0	22.41	22.35	22.17		0
	3	2	22.46	22.37	22.15		0
	3	3	22.44	22.27	22.13		0
	6	0	22.43	22.36	22.14	0-1	0
16QAM	1	0	22.56	22.53	22.46	0-1	0
	1	2	22.54	22.52	22.47		0
	1	5	22.50	22.48	22.50		0
	3	0	22.58	22.49	22.35		0
	3	2	22.63	22.52	22.17		0
	3	3	22.45	22.42	22.29		0
	6	0	21.93	22.02	21.68	0-2	0.5
64QAM	1	0	22.09	22.05	21.72	0-2	0.5
	1	2	22.16	21.98	21.76		0.5
	1	5	22.10	22.07	21.71		0.5
	3	0	21.90	21.91	21.70		0.5
	3	2	21.96	21.87	21.69		0.5
	3	3	21.92	21.91	21.67		0.5
	6	0	21.23	21.27	21.10	0-3	1.5
256QAM	1	0	19.39	19.36	19.11	0-5	3.5
	1	2	19.38	19.34	19.17		3.5
	1	5	19.32	19.24	19.08		3.5
	3	0	19.31	19.30	19.15		3.5
	3	2	19.40	19.31	19.11		3.5
	3	3	19.29	19.28	19.13		3.5
	6	0	19.26	19.28	18.96		3.5

H.1.7 LTE Band 66 Antenna S2

Table H-38
LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	24.01	24.05	24.19	0	0
	1	36	24.07	24.27	24.26		0
	1	74	24.06	24.37	24.17		0
	36	0	22.91	23.14	23.27	0-1	1
	36	18	23.00	23.16	23.25		1
	36	37	23.11	23.15	23.26		1
	75	0	23.05	23.22	23.25		1
16QAM	1	0	23.35	23.28	23.61	0-1	1
	1	36	23.23	23.40	23.50		1
	1	74	23.51	23.50	23.46		1
	36	0	22.44	22.69	22.67	0-2	2
	36	18	22.52	22.64	22.77		2
	36	37	22.58	22.70	22.74		2
	75	0	22.48	22.68	22.75		2
64QAM	1	0	22.59	22.79	22.94	0-2	2
	1	36	22.74	22.93	22.88		2
	1	74	22.77	22.90	22.91		2
	36	0	21.45	21.67	21.73	0-3	3
	36	18	21.52	21.72	21.79		3
	36	37	21.61	21.69	21.69		3
	75	0	21.48	21.69	21.67		3
256QAM	1	0	19.40	19.63	19.69	0-5	5
	1	36	19.47	19.81	19.84		5
	1	74	19.62	19.75	19.78		5
	36	0	19.35	19.63	19.64		5
	36	18	19.36	19.63	19.70		5
	36	37	19.54	19.66	19.65		5
	75	0	19.39	19.66	19.66		5

Table H-39
LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132022 (1715.0 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.99	24.19	24.31	0	0
	1	25	23.94	24.28	24.32		0
	1	49	24.10	24.19	24.24		0
	25	0	22.96	23.15	23.34	0-1	1
	25	12	22.98	23.14	23.27		1
	25	25	23.11	23.19	23.26		1
	50	0	23.03	23.15	23.26		1
16QAM	1	0	23.38	23.57	23.52	0-1	1
	1	25	23.30	23.39	23.58		1
	1	49	23.40	23.48	23.63		1
	25	0	22.49	22.72	22.76	0-2	2
	25	12	22.50	22.67	22.74		2
	25	25	22.59	22.65	22.68		2
	50	0	22.47	22.61	22.71		2
64QAM	1	0	22.64	22.78	22.87	0-2	2
	1	25	22.72	22.94	22.89		2
	1	49	22.67	22.87	22.92		2
	25	0	21.45	21.67	21.76	0-3	3
	25	12	21.49	21.68	21.75		3
	25	25	21.54	21.66	21.69		3
	50	0	21.44	21.68	21.75		3
256QAM	1	0	19.43	19.66	19.79	0-5	5
	1	25	19.49	19.79	19.84		5
	1	49	19.51	19.77	19.79		5
	25	0	19.43	19.63	19.78		5
	25	12	19.43	19.61	19.72		5
	25	25	19.46	19.57	19.67		5
	50	0	19.40	19.60	19.67		5

Table H-40
LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	24.12	24.24	24.30	0	0
	1	12	24.09	24.26	24.40		0
	1	24	24.05	24.21	24.27		0
	12	0	23.01	23.20	23.24	0-1	1
	12	6	23.01	23.17	23.22		1
	12	13	23.04	23.11	23.22		1
	25	0	23.03	23.22	23.27		1
16QAM	1	0	23.29	23.48	23.53	0-1	1
	1	12	23.41	23.45	23.52		1
	1	24	23.40	23.49	23.62		1
	12	0	22.54	22.74	22.78	0-2	2
	12	6	22.54	22.74	22.76		2
	12	13	22.58	22.74	22.74		2
	25	0	22.52	22.71	22.74		2
64QAM	1	0	22.57	22.80	22.90	0-2	2
	1	12	22.67	22.86	22.85		2
	1	24	22.64	22.89	22.90		2
	12	0	21.53	21.71	21.79	0-3	3
	12	6	21.47	21.75	21.75		3
	12	13	21.50	21.66	21.73		3
	25	0	21.48	21.70	21.72		3
256QAM	1	0	19.54	19.76	19.78	0-5	5
	1	12	19.48	19.77	19.86		5
	1	24	19.58	19.76	19.82		5
	12	0	19.38	19.61	19.67		5
	12	6	19.39	19.65	19.68		5
	12	13	19.40	19.63	19.64		5
	25	0	19.46	19.70	19.65		5

Table H-41
LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	24.05	24.12	24.11	0	0
	1	7	24.04	24.20	24.17		0
	1	14	24.00	24.22	24.13		0
	8	0	22.97	23.15	23.25	0-1	1
	8	4	23.00	23.07	23.16		1
	8	7	22.95	23.10	23.20		1
	15	0	22.98	23.20	23.25		1
16QAM	1	0	23.24	23.43	23.50	0-1	1
	1	7	23.29	23.52	23.59		1
	1	14	23.32	23.54	23.52		1
	8	0	22.56	22.81	22.88	0-2	2
	8	4	22.57	22.82	22.73		2
	8	7	22.56	22.84	22.82		2
	15	0	22.48	22.75	22.73		2
64QAM	1	0	22.65	22.90	22.84	0-2	2
	1	7	22.64	22.84	22.85		2
	1	14	22.68	22.73	22.76		2
	8	0	21.50	21.73	21.72	0-3	3
	8	4	21.47	21.65	21.76		3
	8	7	21.46	21.70	21.71		3
	15	0	21.50	21.73	21.77		3
256QAM	1	0	19.43	19.71	19.81	0-5	5
	1	7	19.52	19.76	19.74		5
	1	14	19.51	19.75	19.76		5
	8	0	19.44	19.69	19.66		5
	8	4	19.45	19.65	19.66		5
	8	7	19.41	19.64	19.65		5
	15	0	19.45	19.64	19.69		5

Table H-42
LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	24.06	24.16	24.17	0	0
	1	2	23.97	24.18	24.33		0
	1	5	23.95	24.17	24.15		0
	3	0	24.04	24.18	24.21		0
	3	2	24.09	24.24	24.26		0
	3	3	24.06	24.16	24.27		0
	6	0	23.06	23.17	23.21	0-1	1
16QAM	1	0	23.26	23.44	23.50	0-1	1
	1	2	23.28	23.64	23.57		1
	1	5	23.32	23.48	23.58		1
	3	0	23.17	23.27	23.38		1
	3	2	23.11	23.37	23.39		1
	3	3	23.15	23.34	23.29		1
	6	0	22.50	22.77	22.74	0-2	2
64QAM	1	0	22.66	22.88	22.88	0-2	2
	1	2	22.64	22.83	22.88		2
	1	5	22.68	22.89	22.83		2
	3	0	22.53	22.69	22.68		2
	3	2	22.59	22.71	22.75		2
	3	3	22.56	22.72	22.72		2
	6	0	21.48	21.72	21.72	0-3	3
256QAM	1	0	19.56	19.82	19.70	0-5	5
	1	2	19.47	19.86	19.75		5
	1	5	19.56	19.70	19.75		5
	3	0	19.48	19.79	19.73		5
	3	2	19.56	19.74	19.76		5
	3	3	19.49	19.75	19.68		5
	6	0	19.40	19.64	19.63		5

Table H-43
LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.25	12.37	12.39	0	0
	1	36	12.32	12.60	12.63		0
	1	74	12.44	12.59	12.61		0
	36	0	12.23	12.54	12.50	0-1	0
	36	18	12.33	12.46	12.55		0
	36	37	12.41	12.53	12.56		0
	75	0	12.40	12.57	12.59		0
16QAM	1	0	12.51	12.73	12.82	0-1	0
	1	36	12.54	12.80	12.87		0
	1	74	12.60	12.79	12.96		0
	36	0	12.31	12.55	12.57	0-2	0
	36	18	12.31	12.57	12.62		0
	36	37	12.44	12.52	12.54		0
	75	0	12.36	12.59	12.58		0
64QAM	1	0	12.45	12.67	12.69	0-2	0
	1	36	12.50	12.76	12.86		0
	1	74	12.60	12.74	12.80		0
	36	0	12.28	12.58	12.58	0-3	0
	36	18	12.39	12.49	12.61		0
	36	37	12.47	12.48	12.57		0
	75	0	12.33	12.56	12.58		0
256QAM	1	0	12.39	12.53	12.59	0-5	0
	1	36	12.45	12.68	12.77		0
	1	74	12.61	12.68	12.66		0
	36	0	12.28	12.55	12.56		0
	36	18	12.36	12.49	12.59		0
	36	37	12.42	12.54	12.59		0
	75	0	12.38	12.55	12.59		0

Table H-44
LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132022 (1715.0 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.29	12.45	12.49	0	0
	1	25	12.33	12.55	12.60		0
	1	49	12.34	12.54	12.59		0
	25	0	12.30	12.56	12.67	0-1	0
	25	12	12.32	12.54	12.64		0
	25	25	12.35	12.49	12.55		0
	50	0	12.37	12.56	12.64		0
16QAM	1	0	12.65	12.75	12.66	0-1	0
	1	25	12.75	12.84	12.85		0
	1	49	12.64	12.88	12.86		0
	25	0	12.29	12.59	12.64	0-2	0
	25	12	12.33	12.56	12.61		0
	25	25	12.44	12.53	12.59		0
	50	0	12.30	12.54	12.58		0
64QAM	1	0	12.49	12.75	12.79	0-2	0
	1	25	12.48	12.81	12.76		0
	1	49	12.48	12.67	12.79		0
	25	0	12.30	12.49	12.59	0-3	0
	25	12	12.35	12.56	12.60		0
	25	25	12.42	12.47	12.53		0
	50	0	12.35	12.54	12.60		0
256QAM	1	0	12.29	12.64	12.65	0-5	0
	1	25	12.45	12.68	12.72		0
	1	49	12.50	12.70	12.75		0
	25	0	12.33	12.57	12.67		0
	25	12	12.36	12.56	12.63		0
	25	25	12.36	12.52	12.57		0
	50	0	12.33	12.54	12.58		0

Table H-45
LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.29	12.52	12.62	0	0
	1	12	12.36	12.59	12.71		0
	1	24	12.39	12.63	12.62		0
	12	0	12.35	12.58	12.57	0-1	0
	12	6	12.27	12.56	12.56		0
	12	13	12.28	12.53	12.55		0
	25	0	12.36	12.56	12.57		0
16QAM	1	0	12.63	12.69	12.91	0-1	0
	1	12	12.75	13.02	12.92		0
	1	24	12.71	12.89	12.96		0
	12	0	12.41	12.58	12.66	0-2	0
	12	6	12.41	12.60	12.67		0
	12	13	12.35	12.57	12.59		0
	25	0	12.37	12.59	12.61		0
64QAM	1	0	12.46	12.68	12.84	0-2	0
	1	12	12.50	12.79	12.77		0
	1	24	12.52	12.79	12.78		0
	12	0	12.40	12.58	12.60	0-3	0
	12	6	12.38	12.60	12.65		0
	12	13	12.41	12.57	12.63		0
	25	0	12.34	12.57	12.52		0
256QAM	1	0	12.44	12.52	12.73	0-5	0
	1	12	12.51	12.71	12.76		0
	1	24	12.48	12.71	12.71		0
	12	0	12.32	12.57	12.66		0
	12	6	12.33	12.58	12.61		0
	12	13	12.36	12.54	12.59		0
	25	0	12.40	12.59	12.56		0

Table H-46
LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.27	12.56	12.56	0	0
	1	7	12.22	12.56	12.53		0
	1	14	12.30	12.56	12.53		0
	8	0	12.28	12.59	12.57	0-1	0
	8	4	12.29	12.53	12.57		0
	8	7	12.31	12.56	12.61		0
	15	0	12.27	12.59	12.57		0
16QAM	1	0	12.62	12.89	12.88	0-1	0
	1	7	12.57	12.70	12.83		0
	1	14	12.63	12.79	12.88		0
	8	0	12.42	12.58	12.71	0-2	0
	8	4	12.44	12.69	12.61		0
	8	7	12.39	12.66	12.65		0
	15	0	12.31	12.56	12.55		0
64QAM	1	0	12.48	12.75	12.67	0-2	0
	1	7	12.52	12.64	12.78		0
	1	14	12.45	12.67	12.73		0
	8	0	12.40	12.60	12.63	0-3	0
	8	4	12.40	12.61	12.56		0
	8	7	12.42	12.64	12.58		0
	15	0	12.39	12.60	12.62		0
256QAM	1	0	12.42	12.69	12.78	0-5	0
	1	7	12.39	12.69	12.60		0
	1	14	12.46	12.56	12.66		0
	8	0	12.36	12.66	12.64		0
	8	4	12.35	12.60	12.62		0
	8	7	12.35	12.58	12.64		0
	15	0	12.38	12.61	12.65		0

Table H-47
LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.26	12.37	12.42	0	0
	1	2	12.38	12.38	12.45		0
	1	5	12.36	12.40	12.41		0
	3	0	12.39	12.38	12.42		0
	3	2	12.39	12.40	12.43		0
	3	3	12.34	12.32	12.41		0
	6	0	12.31	12.39	12.40	0-1	0
16QAM	1	0	12.65	12.69	12.79	0-1	0
	1	2	12.54	12.69	12.80		0
	1	5	12.59	12.64	12.85		0
	3	0	12.51	12.46	12.53		0
	3	2	12.53	12.50	12.44		0
	3	3	12.43	12.51	12.48		0
	6	0	12.11	12.38	12.42	0-2	0
64QAM	1	0	12.22	12.55	12.56	0-2	0
	1	2	12.25	12.56	12.57		0
	1	5	12.24	12.58	12.55		0
	3	0	12.15	12.38	12.42		0
	3	2	12.14	12.44	12.46		0
	3	3	12.21	12.46	12.39		0
	6	0	12.16	12.37	12.41	0-3	0
256QAM	1	0	12.18	12.55	12.53	0-5	0
	1	2	12.18	12.52	12.53		0
	1	5	12.20	12.44	12.55		0
	3	0	12.16	12.43	12.47		0
	3	2	12.25	12.45	12.47		0
	3	3	12.23	12.42	12.51		0
	6	0	12.08	12.37	12.41		0

H.1.8 LTE Band 25 Antenna M1

Table H-48
LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.39	23.41	23.43	0	0
	1	36	23.47	23.47	23.41		0
	1	74	23.49	23.44	23.36		0
	36	0	22.90	22.91	22.98	0-1	1
	36	18	22.98	22.92	22.92		1
	36	37	22.96	22.95	22.83		1
	75	0	22.95	22.96	22.95		1
16QAM	1	0	23.22	23.25	23.20	0-1	1
	1	36	23.27	23.31	23.16		1
	1	74	23.27	23.27	23.13		1
	36	0	21.90	21.92	21.94	0-2	2
	36	18	21.97	21.96	21.92		2
	36	37	21.92	21.95	21.85		2
	75	0	21.94	21.95	21.89		2
64QAM	1	0	22.09	22.10	22.12	0-2	2
	1	36	22.13	22.10	22.06		2
	1	74	22.15	22.07	22.04		2
	36	0	20.87	20.91	20.93	0-3	3
	36	18	20.91	20.90	20.91		3
	36	37	20.91	20.95	20.86		3
	75	0	20.90	20.90	20.87		3
256QAM	1	0	19.23	19.26	19.23	0-5	5
	1	36	19.26	19.27	19.27		5
	1	74	19.30	19.22	19.25		5
	36	0	19.13	19.19	19.20		5
	36	18	19.18	19.16	19.19		5
	36	37	19.16	19.21	19.15		5
	75	0	19.18	19.18	19.17		5

Table H-49
LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.45	23.43	23.41	0	0
	1	25	23.52	23.51	23.34		0
	1	49	23.43	23.45	23.43		0
	25	0	22.97	22.96	22.96	0-1	1
	25	12	22.98	22.97	22.94		1
	25	25	23.00	23.01	22.86		1
	50	0	23.00	23.00	22.98		1
16QAM	1	0	23.21	23.31	23.23	0-1	1
	1	25	23.36	23.35	23.27		1
	1	49	23.24	23.31	23.18		1
	25	0	21.92	21.97	21.95	0-2	2
	25	12	21.94	21.98	21.89		2
	25	25	21.97	21.98	21.81		2
	50	0	21.95	21.96	21.92		2
64QAM	1	0	22.16	22.07	22.09	0-2	2
	1	25	22.17	22.16	22.06		2
	1	49	22.16	22.16	21.96		2
	25	0	20.88	20.89	20.92	0-3	3
	25	12	20.89	20.93	20.89		3
	25	25	20.93	20.92	20.80		3
	50	0	20.91	20.93	20.90		3
256QAM	1	0	19.28	19.29	19.25	0-5	5
	1	25	19.32	19.34	19.30		5
	1	49	19.28	19.28	19.23		5
	25	0	19.15	19.15	19.23		5
	25	12	19.24	19.23	19.20		5
	25	25	19.21	19.19	19.13		5
	50	0	19.19	19.20	19.17		5

Table H-50
LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.44	23.49	23.33	0	0
	1	12	23.45	23.52	23.45		0
	1	24	23.42	23.51	23.37		0
	12	0	22.98	22.99	22.95	0-1	1
	12	6	22.96	22.96	22.92		1
	12	13	22.90	22.88	22.78		1
	25	0	22.97	23.01	22.93		1
16QAM	1	0	23.26	23.29	23.19	0-1	1
	1	12	23.25	23.36	23.21		1
	1	24	23.22	23.15	23.06		1
	12	0	22.02	22.03	21.99	0-2	2
	12	6	21.97	22.00	21.91		2
	12	13	21.93	21.95	21.87		2
	25	0	21.96	21.96	21.88		2
64QAM	1	0	22.07	22.10	22.03	0-2	2
	1	12	22.11	22.18	22.02		2
	1	24	22.12	22.16	22.01		2
	12	0	20.93	20.96	20.92	0-3	3
	12	6	20.91	20.92	20.91		3
	12	13	20.82	20.88	20.85		3
	25	0	20.89	20.89	20.85		3
256QAM	1	0	19.25	19.36	19.32	0-5	5
	1	12	19.29	19.31	19.30		5
	1	24	19.29	19.30	19.24		5
	12	0	19.19	19.21	19.24		5
	12	6	19.15	19.20	19.20		5
	12	13	19.10	19.13	19.10		5
	25	0	19.16	19.19	19.19		5

Table H-51
LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.40	23.43	23.32	0	0
	1	7	23.46	23.46	23.35		0
	1	14	23.40	23.42	23.37		0
	8	0	22.96	22.99	22.90	0-1	1
	8	4	22.90	22.93	22.87		1
	8	7	22.90	22.96	22.84		1
	15	0	22.96	22.96	22.89		1
16QAM	1	0	23.23	23.31	23.11	0-1	1
	1	7	23.21	23.38	23.19		1
	1	14	23.17	23.32	23.06		1
	8	0	22.07	22.05	21.99	0-2	2
	8	4	22.00	21.99	21.98		2
	8	7	22.03	22.05	21.97		2
	15	0	21.95	21.97	21.92		2
64QAM	1	0	22.08	22.12	22.03	0-2	2
	1	7	22.12	22.14	22.04		2
	1	14	22.12	22.09	21.99		2
	8	0	20.95	20.98	20.92	0-3	3
	8	4	20.88	20.95	20.87		3
	8	7	20.90	20.94	20.90		3
	15	0	20.95	20.98	20.89		3
256QAM	1	0	19.30	19.34	19.31	0-5	5
	1	7	19.20	19.27	19.27		5
	1	14	19.24	19.26	19.21		5
	8	0	19.14	19.18	19.20		5
	8	4	19.14	19.14	19.15		5
	8	7	19.16	19.17	19.17		5
	15	0	19.17	19.20	19.20		5

Table H-52
LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.40	23.45	23.32	0	0
	1	2	23.39	23.54	23.33		0
	1	5	23.40	23.46	23.38		0
	3	0	23.43	23.43	23.35		0
	3	2	23.40	23.43	23.30		0
	3	3	23.44	23.45	23.35		0
	6	0	22.93	22.96	22.88	0-1	1
16QAM	1	0	23.23	23.32	23.16	0-1	1
	1	2	23.22	23.27	23.24		1
	1	5	23.13	23.34	23.14		1
	3	0	23.09	23.09	23.00		1
	3	2	23.03	23.04	23.02		1
	3	3	23.01	23.08	22.95		1
	6	0	21.94	21.98	21.93	0-2	2
64QAM	1	0	22.08	22.16	21.95	0-2	2
	1	2	22.09	22.14	21.94		2
	1	5	22.06	22.10	21.96		2
	3	0	21.94	21.98	21.82		2
	3	2	21.95	21.99	21.93		2
	3	3	21.91	22.02	21.92		2
	6	0	20.87	20.93	20.84	0-3	3
256QAM	1	0	19.23	19.30	19.21	0-5	5
	1	2	19.25	19.26	19.30		5
	1	5	19.27	19.30	19.23		5
	3	0	19.21	19.23	19.19		5
	3	2	19.22	19.29	19.20		5
	3	3	19.29	19.32	19.17		5
	6	0	19.12	19.18	19.15		5

Table H-53
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.09	12.10	12.08	0	0
	1	36	12.16	12.17	12.15		0
	1	74	12.21	12.13	12.15		0
	36	0	12.12	12.12	12.12	0-1	0
	36	18	12.17	12.14	12.11		0
	36	37	12.19	12.10	12.10		0
	75	0	12.18	12.12	12.18		0
16QAM	1	0	12.38	12.49	12.39	0-1	0
	1	36	12.32	12.40	12.32		0
	1	74	12.54	12.41	12.28		0
	36	0	12.15	12.19	12.15	0-2	0
	36	18	12.10	12.13	12.15		0
	36	37	12.20	12.12	12.12		0
	75	0	12.18	12.15	12.12		0
64QAM	1	0	12.28	12.28	12.24	0-2	0
	1	36	12.27	12.36	12.34		0
	1	74	12.44	12.30	12.24		0
	36	0	12.18	12.22	12.15	0-3	0
	36	18	12.16	12.21	12.15		0
	36	37	12.23	12.19	12.14		0
	75	0	12.18	12.16	12.19		0
256QAM	1	0	12.21	12.22	12.23	0-5	0
	1	36	12.27	12.25	12.25		0
	1	74	12.33	12.23	12.25		0
	36	0	12.17	12.17	12.20		0
	36	18	12.21	12.18	12.13		0
	36	37	12.23	12.18	12.15		0
	75	0	12.18	12.14	12.12		0

Table H-54
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.17	12.11	12.08	0	0
	1	25	12.19	12.23	12.14		0
	1	49	12.23	12.17	12.11		0
	25	0	12.10	12.16	12.14	0-1	0
	25	12	12.15	12.15	12.10		0
	25	25	12.15	12.17	12.05		0
	50	0	12.19	12.16	12.15		0
16QAM	1	0	12.38	12.47	12.29	0-1	0
	1	25	12.48	12.41	12.44		0
	1	49	12.60	12.50	12.50		0
	25	0	12.10	12.12	12.16	0-2	0
	25	12	12.16	12.20	12.11		0
	25	25	12.12	12.17	12.07		0
	50	0	12.15	12.17	12.12		0
64QAM	1	0	12.34	12.32	12.23	0-2	0
	1	25	12.35	12.38	12.37		0
	1	49	12.45	12.34	12.27		0
	25	0	12.11	12.15	12.13	0-3	0
	25	12	12.14	12.13	12.10		0
	25	25	12.12	12.17	12.05		0
	50	0	12.20	12.17	12.14		0
256QAM	1	0	12.27	12.25	12.18	0-5	0
	1	25	12.16	12.32	12.17		0
	1	49	12.38	12.27	12.23		0
	25	0	12.11	12.13	12.17		0
	25	12	12.15	12.15	12.11		0
	25	25	12.19	12.15	12.07		0
	50	0	12.13	12.13	12.08		0

Table H-55
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.14	12.16	12.05	0	0
	1	12	12.05	12.20	12.03		0
	1	24	12.13	12.20	12.06		0
	12	0	12.09	12.15	12.08	0-1	0
	12	6	12.08	12.13	12.04		0
	12	13	12.06	12.08	12.05		0
	25	0	12.11	12.10	12.08		0
16QAM	1	0	12.46	12.43	12.26	0-1	0
	1	12	12.41	12.49	12.36		0
	1	24	12.37	12.51	12.43		0
	12	0	12.17	12.19	12.13	0-2	0
	12	6	12.16	12.18	12.16		0
	12	13	12.12	12.08	12.13		0
	25	0	12.10	12.12	12.05		0
64QAM	1	0	12.30	12.36	12.25	0-2	0
	1	12	12.33	12.38	12.26		0
	1	24	12.32	12.36	12.26		0
	12	0	12.12	12.19	12.11	0-3	0
	12	6	12.15	12.17	12.04		0
	12	13	12.13	12.09	12.03		0
	25	0	12.12	12.13	12.04		0
256QAM	1	0	12.15	12.27	12.15	0-5	0
	1	12	12.17	12.26	12.14		0
	1	24	12.34	12.28	12.08		0
	12	0	12.16	12.10	12.10		0
	12	6	12.13	12.13	12.05		0
	12	13	12.10	12.01	12.01		0
	25	0	12.15	12.13	12.03		0

Table H-56
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.04	12.04	11.96	0	0
	1	7	12.01	12.02	12.10		0
	1	14	12.03	12.02	11.93		0
	8	0	12.09	12.13	12.05	0-1	0
	8	4	12.03	12.02	12.02		0
	8	7	12.05	12.06	11.94		0
	15	0	12.01	12.07	12.02		0
16QAM	1	0	12.28	12.49	12.24	0-1	0
	1	7	12.27	12.39	12.30		0
	1	14	12.29	12.36	12.29		0
	8	0	12.13	12.16	12.15	0-2	0
	8	4	12.15	12.17	12.10		0
	8	7	12.18	12.17	12.14		0
	15	0	12.06	12.08	12.08		0
64QAM	1	0	12.19	12.23	12.14	0-2	0
	1	7	12.27	12.28	12.11		0
	1	14	12.21	12.29	12.18		0
	8	0	12.09	12.10	12.09	0-3	0
	8	4	12.06	12.12	12.02		0
	8	7	12.08	12.07	12.00		0
	15	0	12.13	12.07	12.03		0
256QAM	1	0	12.12	12.13	12.13	0-5	0
	1	7	12.20	12.17	12.06		0
	1	14	12.15	12.16	12.13		0
	8	0	12.16	12.09	12.08		0
	8	4	12.11	12.05	12.01		0
	8	7	12.12	12.07	12.03		0
	15	0	12.07	12.08	12.08		0

Table H-57
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.06	12.08	12.04	0	0
	1	2	12.12	12.16	12.03		0
	1	5	12.09	12.12	12.02		0
	3	0	12.08	12.07	12.04		0
	3	2	12.09	12.13	12.05		0
	3	3	12.06	12.07	12.00		0
	6	0	12.10	12.09	12.06	0-1	0
16QAM	1	0	12.34	12.46	12.27	0-1	0
	1	2	12.60	12.44	12.30		0
	1	5	12.37	12.37	12.43		0
	3	0	12.29	12.21	12.23		0
	3	2	12.19	12.16	12.10		0
	3	3	12.12	12.22	12.15		0
	6	0	12.15	12.07	12.07	0-2	0
64QAM	1	0	12.33	12.29	12.17	0-2	0
	1	2	12.23	12.29	12.28		0
	1	5	12.26	12.27	12.20		0
	3	0	12.15	12.21	12.10		0
	3	2	12.16	12.14	12.13		0
	3	3	12.18	12.15	12.13		0
	6	0	12.04	12.11	12.05	0-3	0
256QAM	1	0	12.25	12.21	12.10	0-5	0
	1	2	12.25	12.22	12.20		0
	1	5	12.20	12.19	12.08		0
	3	0	12.16	12.18	12.12		0
	3	2	12.18	12.15	12.18		0
	3	3	12.20	12.19	12.13		0
	6	0	12.08	12.06	12.03		0

Table H-58
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	16.97	17.12	17.04	0	0
	1	36	16.99	17.27	17.19		0
	1	74	17.04	17.27	17.28		0
	36	0	17.16	17.26	17.21	0-1	0
	36	18	16.93	17.23	17.20		0
	36	37	16.91	17.23	17.21		0
	75	0	17.31	17.26	17.28		0
16QAM	1	0	17.55	17.56	17.50	0-1	0
	1	36	17.55	17.49	17.53		0
	1	74	17.29	17.54	17.60		0
	36	0	16.96	17.30	17.23	0-2	0
	36	18	16.97	17.26	17.20		0
	36	37	16.99	17.24	17.22		0
	75	0	16.95	17.26	17.23		0
64QAM	1	0	17.14	17.46	17.42	0-2	0
	1	36	17.16	17.47	17.41		0
	1	74	17.24	17.43	17.42		0
	36	0	17.11	17.25	17.23	0-3	0
	36	18	17.13	17.24	17.22		0
	36	37	17.15	17.26	17.20		0
	75	0	17.12	17.26	17.27		0
256QAM	1	0	17.14	17.33	17.36	0-5	0
	1	36	17.13	17.41	17.32		0
	1	74	17.12	17.41	17.44		0
	36	0	16.99	17.29	17.31		0
	36	18	17.14	17.27	17.26		0
	36	37	17.16	17.26	17.24		0
	75	0	17.12	17.27	17.27		0

Table H-59
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.29	17.30	17.21	0	0
	1	25	17.32	17.36	17.25		0
	1	49	17.36	17.33	17.33		0
	25	0	17.30	17.34	17.34	0-1	0
	25	12	17.33	17.38	17.30		0
	25	25	17.30	17.34	17.29		0
	50	0	17.32	17.30	17.29		0
16QAM	1	0	17.58	17.58	17.60	0-1	0
	1	25	17.60	17.55	17.50		0
	1	49	17.66	17.56	17.70		0
	25	0	17.29	17.31	17.34	0-2	0
	25	12	17.31	17.33	17.30		0
	25	25	17.29	17.32	17.29		0
	50	0	17.34	17.29	17.30		0
64QAM	1	0	17.52	17.54	17.44	0-2	0
	1	25	17.49	17.56	17.45		0
	1	49	17.51	17.50	17.44		0
	25	0	17.31	17.30	17.37	0-3	0
	25	12	17.28	17.34	17.31		0
	25	25	17.30	17.33	17.33		0
	50	0	17.32	17.31	17.31		0
256QAM	1	0	17.45	17.45	17.37	0-5	0
	1	25	17.44	17.48	17.38		0
	1	49	17.44	17.48	17.45		0
	25	0	17.31	17.31	17.38		0
	25	12	17.33	17.34	17.35		0
	25	25	17.30	17.36	17.33		0
	50	0	17.28	17.32	17.32		0

Table H-60
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.03	17.18	17.06	0	0
	1	12	17.05	17.21	17.05		0
	1	24	17.06	17.14	17.12		0
	12	0	17.00	17.09	17.07	0-1	0
	12	6	17.02	17.13	17.08		0
	12	13	17.00	17.05	16.99		0
	25	0	17.04	17.13	17.10		0
16QAM	1	0	17.35	17.46	17.31	0-1	0
	1	12	17.39	17.47	17.36		0
	1	24	17.39	17.51	17.46		0
	12	0	17.07	17.19	17.11	0-2	0
	12	6	17.14	17.20	17.18		0
	12	13	17.06	17.12	17.14		0
	25	0	17.07	17.14	17.13		0
64QAM	1	0	17.24	17.35	17.26	0-2	0
	1	12	17.20	17.41	17.30		0
	1	24	17.27	17.33	17.30		0
	12	0	17.12	17.15	17.16	0-3	0
	12	6	17.12	17.17	17.16		0
	12	13	17.10	17.14	17.12		0
	25	0	17.05	17.15	17.11		0
256QAM	1	0	17.21	17.33	17.21	0-5	0
	1	12	17.18	17.33	17.27		0
	1	24	17.16	17.26	17.24		0
	12	0	17.08	17.15	17.14		0
	12	6	17.11	17.16	17.18		0
	12	13	16.99	17.12	17.07		0
	25	0	17.08	17.15	17.12		0

Table H-61
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.20	17.19	17.14	0	0
	1	7	17.18	17.23	17.16		0
	1	14	17.21	17.18	17.15		0
	8	0	17.21	17.19	17.24	0-1	0
	8	4	17.13	17.15	17.14		0
	8	7	17.12	17.15	17.19		0
	15	0	17.15	17.21	17.19		0
16QAM	1	0	17.41	17.48	17.45	0-1	0
	1	7	17.47	17.55	17.52		0
	1	14	17.43	17.39	17.44		0
	8	0	17.27	17.33	17.29	0-2	0
	8	4	17.22	17.32	17.31		0
	8	7	17.24	17.28	17.32		0
	15	0	17.14	17.22	17.22		0
64QAM	1	0	17.29	17.29	17.31	0-2	0
	1	7	17.34	17.44	17.36		0
	1	14	17.26	17.34	17.37		0
	8	0	17.17	17.28	17.26	0-3	0
	8	4	17.15	17.19	17.22		0
	8	7	17.14	17.20	17.23		0
	15	0	17.19	17.24	17.23		0
256QAM	1	0	17.27	17.25	17.27	0-5	0
	1	7	17.25	17.37	17.24		0
	1	14	17.24	17.23	17.23		0
	8	0	17.20	17.22	17.23		0
	8	4	17.16	17.16	17.26		0
	8	7	17.18	17.23	17.20		0
	15	0	17.18	17.21	17.30		0

Table H-62
LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.09	17.11	17.05	0	0
	1	2	17.10	17.15	17.07		0
	1	5	17.05	17.15	17.08		0
	3	0	17.08	17.10	17.08		0
	3	2	17.06	17.11	17.13		0
	3	3	17.06	17.10	17.08		0
	6	0	17.13	17.09	17.10	0-1	0
16QAM	1	0	17.41	17.40	17.44	0-1	0
	1	2	17.43	17.37	17.56		0
	1	5	17.40	17.42	17.36		0
	3	0	17.16	17.20	17.23		0
	3	2	17.16	17.25	17.22		0
	3	3	17.19	17.18	17.20		0
	6	0	17.13	17.18	17.15	0-2	0
64QAM	1	0	17.27	17.35	17.31	0-2	0
	1	2	17.22	17.35	17.28		0
	1	5	17.26	17.28	17.26		0
	3	0	17.16	17.17	17.18		0
	3	2	17.17	17.15	17.17		0
	3	3	17.19	17.22	17.14		0
	6	0	17.13	17.14	17.17	0-3	0
256QAM	1	0	17.17	17.28	17.23	0-5	0
	1	2	17.28	17.23	17.25		0
	1	5	17.23	17.23	17.19		0
	3	0	17.20	17.19	17.14		0
	3	2	17.14	17.22	17.15		0
	3	3	17.18	17.18	17.21		0
	6	0	17.05	17.10	17.12		0

H.1.9 LTE Band 25 Antenna S2

Table H-63
LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.79	22.73	22.91	0	0
	1	36	22.93	22.91	23.04		0
	1	74	22.88	22.95	23.00		0
	36	0	22.19	22.10	22.32	0-1	1
	36	18	22.23	22.11	22.29		1
	36	37	22.21	22.17	22.25		1
	75	0	22.25	22.12	22.32		1
16QAM	1	0	22.51	22.36	22.47	0-1	1
	1	36	22.60	22.42	22.60		1
	1	74	22.65	22.59	22.63		1
	36	0	21.24	21.15	21.33	0-2	2
	36	18	21.29	21.15	21.36		2
	36	37	21.24	21.16	21.26		2
	75	0	21.18	21.14	21.30		2
64QAM	1	0	21.42	21.23	21.39	0-2	2
	1	36	21.43	21.36	21.50		2
	1	74	21.45	21.36	21.50		2
	36	0	20.20	20.11	20.33	0-3	3
	36	18	20.23	20.14	20.35		3
	36	37	20.23	20.14	20.25		3
	75	0	20.13	20.13	20.26		3
256QAM	1	0	18.11	18.10	18.22	0-5	5
	1	36	18.28	18.09	18.46		5
	1	74	18.28	18.30	18.39		5
	36	0	18.15	18.02	18.19		5
	36	18	18.19	18.10	18.29		5
	36	37	18.15	18.06	18.24		5
	75	0	18.13	18.05	18.25		5

Table H-64
LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.83	22.78	23.09	0	0
	1	25	22.94	22.87	22.97		0
	1	49	22.87	22.94	22.98		0
	25	0	22.24	22.17	22.45	0-1	1
	25	12	22.25	22.17	22.35		1
	25	25	22.25	22.14	22.23		1
	50	0	22.21	22.12	22.39		1
16QAM	1	0	22.59	22.45	22.70	0-1	1
	1	25	22.60	22.52	22.59		1
	1	49	22.52	22.56	22.62		1
	25	0	21.21	21.17	21.47	0-2	2
	25	12	21.27	21.14	21.36		2
	25	25	21.21	21.14	21.28		2
	50	0	21.19	21.10	21.37		2
64QAM	1	0	21.40	21.28	21.48	0-2	2
	1	25	21.38	21.35	21.47		2
	1	49	21.47	21.37	21.46		2
	25	0	20.17	20.05	20.42	0-3	3
	25	12	20.22	20.18	20.32		3
	25	25	20.14	20.17	20.20		3
	50	0	20.17	20.16	20.38		3
256QAM	1	0	18.27	18.10	18.33	0-5	5
	1	25	18.21	18.23	18.25		5
	1	49	18.16	18.25	18.33		5
	25	0	18.15	18.03	18.38		5
	25	12	18.16	18.13	18.31		5
	25	25	18.11	18.14	18.19		5
	50	0	18.13	18.07	18.35		5

Table H-65
LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.80	22.76	22.97	0	0
	1	12	22.88	22.91	23.08		0
	1	24	22.96	22.90	23.09		0
	12	0	22.23	22.18	22.33	0-1	1
	12	6	22.22	22.15	22.30		1
	12	13	22.27	22.09	22.28		1
	25	0	22.25	22.19	22.37		1
16QAM	1	0	22.62	22.50	22.59	0-1	1
	1	12	22.69	22.58	22.57		1
	1	24	22.45	22.57	22.65		1
	12	0	21.23	21.20	21.41	0-2	2
	12	6	21.32	21.26	21.36		2
	12	13	21.25	21.19	21.33		2
	25	0	21.20	21.19	21.35		2
64QAM	1	0	21.41	21.33	21.45	0-2	2
	1	12	21.40	21.34	21.48		2
	1	24	21.46	21.35	21.51		2
	12	0	20.19	20.16	20.34	0-3	3
	12	6	20.25	20.15	20.35		3
	12	13	20.27	20.17	20.30		3
	25	0	20.21	20.09	20.33		3
256QAM	1	0	18.25	18.13	18.39	0-5	5
	1	12	18.34	18.27	18.24		5
	1	24	18.27	18.21	18.31		5
	12	0	18.12	18.10	18.27		5
	12	6	18.14	18.06	18.22		5
	12	13	18.17	18.04	18.18		5
	25	0	18.16	18.05	18.23		5

Table H-66
LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.83	22.75	22.85	0	0
	1	7	23.02	22.72	23.06		0
	1	14	22.83	22.73	22.89		0
	8	0	22.23	22.16	22.23	0-1	1
	8	4	22.19	22.12	22.24		1
	8	7	22.14	22.10	22.17		1
	15	0	22.25	22.12	22.28		1
16QAM	1	0	22.48	22.32	22.57	0-1	1
	1	7	22.50	22.46	22.62		1
	1	14	22.49	22.51	22.52		1
	8	0	21.30	21.26	21.34	0-2	2
	8	4	21.33	21.17	21.34		2
	8	7	21.31	21.20	21.39		2
	15	0	21.22	21.17	21.28		2
64QAM	1	0	21.34	21.14	21.32	0-2	2
	1	7	21.32	21.30	21.49		2
	1	14	21.29	21.24	21.36		2
	8	0	20.21	20.20	20.30	0-3	3
	8	4	20.18	20.09	20.26		3
	8	7	20.16	20.12	20.28		3
	15	0	20.23	20.15	20.29		3
256QAM	1	0	18.20	18.20	18.31	0-5	5
	1	7	18.06	18.13	18.32		5
	1	14	18.22	18.14	18.27		5
	8	0	18.10	18.12	18.18		5
	8	4	18.13	18.12	18.18		5
	8	7	18.15	18.13	18.18		5
	15	0	18.13	18.09	18.18		5

Table H-67
LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.80	22.74	22.68	0	0
	1	2	22.73	22.78	22.81		0
	1	5	22.69	22.70	22.69		0
	3	0	22.76	22.80	22.70		0
	3	2	22.79	22.75	22.76		0
	3	3	22.73	22.72	22.70		0
	6	0	22.26	22.30	22.30	0-1	1
16QAM	1	0	22.61	22.60	22.60	0-1	1
	1	2	22.63	22.69	22.56		1
	1	5	22.37	22.54	22.62		1
	3	0	22.41	22.30	22.41		1
	3	2	22.43	22.42	22.38		1
	3	3	22.37	22.41	22.34		1
	6	0	21.27	21.27	21.36	0-2	2
64QAM	1	0	21.39	21.42	21.43	0-2	2
	1	2	21.48	21.37	21.46		2
	1	5	21.45	21.43	21.45		2
	3	0	21.33	21.34	21.31		2
	3	2	21.28	21.32	21.31		2
	3	3	21.32	21.31	21.35		2
	6	0	20.28	20.25	20.29	0-3	3
256QAM	1	0	18.39	18.22	18.32	0-5	5
	1	2	18.27	18.38	18.35		5
	1	5	18.29	18.32	18.35		5
	3	0	18.29	18.31	18.36		5
	3	2	18.27	18.31	18.32		5
	3	3	18.31	18.35	18.34		5
	6	0	18.26	18.21	18.25		5

Table H-68
LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.60	12.49	12.63	0	0
	1	36	12.66	12.56	12.77		0
	1	74	12.62	12.65	12.65		0
	36	0	12.63	12.49	12.67	0-1	0
	36	18	12.62	12.53	12.79		0
	36	37	12.54	12.57	12.68		0
	75	0	12.62	12.55	12.66		0
16QAM	1	0	12.81	12.81	12.83	0-1	0
	1	36	12.88	12.87	12.99		0
	1	74	12.99	13.07	13.00		0
	36	0	12.60	12.48	12.68	0-2	0
	36	18	12.60	12.60	12.78		0
	36	37	12.58	12.58	12.68		0
	75	0	12.65	12.56	12.64		0
64QAM	1	0	12.75	12.63	12.87	0-2	0
	1	36	12.76	12.75	12.98		0
	1	74	12.83	12.83	12.90		0
	36	0	12.62	12.56	12.68	0-3	0
	36	18	12.65	12.56	12.77		0
	36	37	12.63	12.54	12.68		0
	75	0	12.59	12.50	12.70		0
256QAM	1	0	12.71	12.59	12.67	0-5	0
	1	36	12.72	12.69	13.02		0
	1	74	12.75	12.74	12.87		0
	36	0	12.68	12.55	12.71		0
	36	18	12.67	12.55	12.77		0
	36	37	12.60	12.60	12.74		0
	75	0	12.65	12.56	12.72		0

Table H-69
LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.64	12.50	12.78	0	0
	1	25	12.60	12.48	12.69		0
	1	49	12.63	12.66	12.62		0
	25	0	12.60	12.60	12.85	0-1	0
	25	12	12.65	12.59	12.77		0
	25	25	12.54	12.53	12.62		0
	50	0	12.57	12.57	12.79		0
16QAM	1	0	12.88	12.84	12.98	0-1	0
	1	25	12.94	12.75	13.18		0
	1	49	12.92	12.86	13.00		0
	25	0	12.59	12.56	12.90	0-2	0
	25	12	12.66	12.57	12.78		0
	25	25	12.53	12.58	12.61		0
	50	0	12.57	12.50	12.85		0
64QAM	1	0	12.78	12.68	12.95	0-2	0
	1	25	12.75	12.77	12.84		0
	1	49	12.86	12.87	12.84		0
	25	0	12.57	12.53	12.87	0-3	0
	25	12	12.62	12.61	12.73		0
	25	25	12.58	12.51	12.62		0
	50	0	12.59	12.50	12.77		0
256QAM	1	0	12.76	12.76	12.85	0-5	0
	1	25	12.71	12.70	12.85		0
	1	49	12.70	12.76	12.84		0
	25	0	12.56	12.54	12.88		0
	25	12	12.66	12.59	12.81		0
	25	25	12.54	12.59	12.70		0
	50	0	12.59	12.52	12.77		0

Table H-70
LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.62	12.50	12.70	0	0
	1	12	12.71	12.54	12.58		0
	1	24	12.67	12.60	12.64		0
	12	0	12.56	12.55	12.71	0-1	0
	12	6	12.65	12.54	12.68		0
	12	13	12.63	12.46	12.66		0
	25	0	12.63	12.57	12.70		0
16QAM	1	0	12.86	12.85	13.00	0-1	0
	1	12	12.80	13.00	12.82		0
	1	24	12.93	12.79	13.03		0
	12	0	12.64	12.64	12.80	0-2	0
	12	6	12.69	12.60	12.72		0
	12	13	12.66	12.57	12.68		0
	25	0	12.61	12.57	12.67		0
64QAM	1	0	12.82	12.76	12.91	0-2	0
	1	12	12.74	12.76	12.90		0
	1	24	12.85	12.73	12.77		0
	12	0	12.63	12.54	12.80	0-3	0
	12	6	12.67	12.55	12.73		0
	12	13	12.66	12.62	12.69		0
	25	0	12.60	12.54	12.69		0
256QAM	1	0	12.70	12.67	12.79	0-5	0
	1	12	12.78	12.52	12.72		0
	1	24	12.71	12.69	12.67		0
	12	0	12.56	12.56	12.66		0
	12	6	12.66	12.57	12.71		0
	12	13	12.63	12.59	12.65		0
	25	0	12.65	12.60	12.75		0

Table H-71
LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.54	12.52	12.64	0	0
	1	7	12.61	12.58	12.63		0
	1	14	12.56	12.55	12.54		0
	8	0	12.57	12.51	12.69	0-1	0
	8	4	12.62	12.55	12.67		0
	8	7	12.65	12.57	12.65		0
	15	0	12.65	12.54	12.66		0
16QAM	1	0	13.00	12.84	12.86	0-1	0
	1	7	13.00	12.93	12.94		0
	1	14	12.99	12.93	12.81		0
	8	0	12.66	12.68	12.80	0-2	0
	8	4	12.71	12.69	12.76		0
	8	7	12.76	12.66	12.74		0
	15	0	12.68	12.56	12.71		0
64QAM	1	0	12.79	12.65	12.86	0-2	0
	1	7	12.82	12.68	12.74		0
	1	14	12.79	12.73	12.79		0
	8	0	12.57	12.60	12.79	0-3	0
	8	4	12.61	12.55	12.63		0
	8	7	12.66	12.59	12.68		0
	15	0	12.72	12.55	12.68		0
256QAM	1	0	12.71	12.69	12.75	0-5	0
	1	7	12.74	12.64	12.64		0
	1	14	12.68	12.66	12.69		0
	8	0	12.64	12.57	12.75		0
	8	4	12.65	12.58	12.71		0
	8	7	12.68	12.59	12.65		0
	15	0	12.68	12.56	12.76		0

Table H-72
LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.60	12.53	12.60	0	0
	1	2	12.63	12.53	12.61		0
	1	5	12.62	12.57	12.66		0
	3	0	12.58	12.54	12.65		0
	3	2	12.55	12.51	12.67		0
	3	3	12.61	12.46	12.59		0
	6	0	12.56	12.51	12.65	0-1	0
16QAM	1	0	12.87	12.77	12.84	0-1	0
	1	2	12.94	12.86	12.97		0
	1	5	12.97	12.77	13.07		0
	3	0	12.62	12.68	12.68		0
	3	2	12.58	12.67	12.72		0
	3	3	12.67	12.63	12.62		0
	6	0	12.61	12.60	12.71	0-2	0
64QAM	1	0	12.66	12.69	12.76	0-2	0
	1	2	12.77	12.76	12.74		0
	1	5	12.73	12.73	12.75		0
	3	0	12.62	12.56	12.67		0
	3	2	12.64	12.51	12.66		0
	3	3	12.71	12.55	12.72		0
	6	0	12.61	12.56	12.68	0-3	0
256QAM	1	0	12.69	12.64	12.64	0-5	0
	1	2	12.77	12.80	12.75		0
	1	5	12.70	12.69	12.72		0
	3	0	12.64	12.60	12.77		0
	3	2	12.60	12.58	12.70		0
	3	3	12.65	12.62	12.71		0
	6	0	12.53	12.47	12.58		0

H.1.10 LTE Band 30 Antenna M1

Table H-73
LTE Band 30 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	22.32	0	0
	1	12	22.35		0
	1	24	22.29		0
	12	0	21.67	0-1	1
	12	6	21.69		1
	12	13	21.68		1
	25	0	21.73		1
16QAM	1	0	22.04	0-1	1
	1	12	22.05		1
	1	24	21.95		1
	12	0	20.69	0-2	2
	12	6	20.75		2
	12	13	20.74		2
	25	0	20.70		2
64QAM	1	0	20.74	0-2	2
	1	12	21.03		2
	1	24	20.84		2
	12	0	20.14	0-3	3
	12	6	20.17		3
	12	13	20.12		3
	25	0	20.11		3
256QAM	1	0	18.26	0-5	5
	1	12	18.26		5
	1	24	18.13		5
	12	0	18.07		5
	12	6	18.11		5
	12	13	18.06		5
	25	0	18.05		5

Table H-74
LTE Band 30 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	11.80	0	0
	1	12	11.83		0
	1	24	11.77		0
	12	0	11.74	0-1	0
	12	6	11.78		0
	12	13	11.78		0
	25	0	11.85		0
16QAM	1	0	12.10	0-1	0
	1	12	11.92		0
	1	24	12.10		0
	12	0	11.79	0-2	0
	12	6	11.86		0
	12	13	11.86		0
	25	0	11.76		0
64QAM	1	0	11.79	0-2	0
	1	12	11.82		0
	1	24	11.92		0
	12	0	11.83	0-3	0
	12	6	11.83		0
	12	13	11.83		0
	25	0	11.79		0
256QAM	1	0	11.89	0-5	0
	1	12	11.93		0
	1	24	11.84		0
	12	0	11.77		0
	12	6	11.80		0
	12	13	11.86		0
	25	0	11.83		0

Table H-75
LTE Band 30 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	19.87	0	0
	1	12	19.95		0
	1	24	19.84		0
	12	0	19.81	0-1	0
	12	6	19.83		0
	12	13	19.82		0
	25	0	19.86		0
16QAM	1	0	20.07	0-1	0
	1	12	20.11		0
	1	24	20.08		0
	12	0	19.92	0-2	0
	12	6	19.90		0
	12	13	19.87		0
	25	0	19.88		0
64QAM	1	0	20.05	0-2	0
	1	12	20.11		0
	1	24	20.06		0
	12	0	19.89	0-3	0
	12	6	19.87		0
	12	13	19.90		0
	25	0	19.87		0
256QAM	1	0	17.92	0-5	2
	1	12	17.98		2
	1	24	17.90		2
	12	0	17.83		2
	12	6	17.85		2
	12	13	17.83		2
	25	0	17.85		2

H.1.11 LTE Band 30 Antenna S2

Table H-76
LTE Band 30 Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	23.24	0	0
	1	12	23.20		0
	1	24	23.43		0
	12	0	22.30	0-1	1
	12	6	22.31		1
	12	13	22.30		1
	25	0	22.33		1
16QAM	1	0	22.54	0-1	1
	1	12	22.62		1
	1	24	22.74		1
	12	0	21.33	0-2	2
	12	6	21.39		2
	12	13	21.33		2
	25	0	21.31		2
64QAM	1	0	21.27	0-2	2
	1	12	21.48		2
	1	24	21.52		2
	12	0	20.28	0-3	3
	12	6	20.28		3
	12	13	20.33		3
	25	0	20.26		3
256QAM	1	0	18.23	0-5	5
	1	12	18.45		5
	1	24	18.41		5
	12	0	18.14		5
	12	6	18.22		5
	12	13	18.20		5
	25	0	18.16		5

Table H-77
LTE Band 30 Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	11.75	0	0
	1	12	11.81		0
	1	24	11.89		0
	12	0	11.72	0-1	0
	12	6	11.84		0
	12	13	11.83		0
	25	0	11.82		0
16QAM	1	0	12.06	0-1	0
	1	12	12.01		0
	1	24	12.18		0
	12	0	11.77	0-2	0
	12	6	11.87		0
	12	13	11.86		0
	25	0	11.80		0
64QAM	1	0	12.00	0-2	0
	1	12	12.04		0
	1	24	11.99		0
	12	0	11.79	0-3	0
	12	6	11.84		0
	12	13	11.84		0
	25	0	11.81		0
256QAM	1	0	11.81	0-5	0
	1	12	12.00		0
	1	24	12.05		0
	12	0	11.71		0
	12	6	11.80		0
	12	13	11.84		0
	25	0	11.78		0

H.1.12 LTE Band 7 Antenna M1

Table H-78
LTE Band 7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.32	23.43	23.51	0	0
	1	36	23.33	23.54	23.39		0
	1	74	23.36	23.62	23.38		0
	36	0	22.82	22.96	22.88	0-1	1
	36	18	22.87	22.98	22.87		1
	36	37	22.85	23.06	22.87		1
	75	0	22.87	23.04	22.94		1
16QAM	1	0	23.27	23.26	23.31	0-1	1
	1	36	23.12	23.40	23.20		1
	1	74	23.19	23.36	23.08		1
	36	0	21.86	21.95	21.86	0-2	2
	36	18	21.82	21.97	21.89		2
	36	37	21.85	22.05	21.85		2
	75	0	21.82	21.99	21.85		2
64QAM	1	0	22.02	22.12	22.15	0-2	2
	1	36	21.99	22.24	22.09		2
	1	74	22.07	22.23	21.95		2
	36	0	20.81	20.96	20.89	0-3	3
	36	18	20.84	20.99	20.88		3
	36	37	20.86	21.01	20.87		3
	75	0	20.82	20.99	20.87		3
256QAM	1	0	19.16	19.33	19.35	0-5	5
	1	36	19.24	19.34	19.27		5
	1	74	19.29	19.33	19.19		5
	36	0	19.10	19.19	19.21		5
	36	18	19.15	19.26	19.16		5
	36	37	19.13	19.24	19.19		5
	75	0	19.10	19.22	19.18		5

Table H-79
LTE Band 7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.29	23.47	23.50	0	0
	1	25	23.35	23.63	23.34		0
	1	49	23.33	23.61	23.36		0
	25	0	22.88	23.05	22.90	0-1	1
	25	12	22.89	23.10	22.91		1
	25	25	22.91	23.08	22.87		1
	50	0	22.89	23.05	22.87		1
16QAM	1	0	23.20	23.29	23.31	0-1	1
	1	25	23.10	23.39	23.28		1
	1	49	23.20	23.37	23.16		1
	25	0	21.90	22.02	21.84	0-2	2
	25	12	21.88	22.06	21.89		2
	25	25	21.91	22.08	21.88		2
	50	0	21.88	22.04	21.88		2
64QAM	1	0	21.93	22.09	22.10	0-2	2
	1	25	22.04	22.22	22.11		2
	1	49	22.03	22.22	21.95		2
	25	0	20.81	20.92	20.84	0-3	3
	25	12	20.82	21.00	20.88		3
	25	25	20.84	21.04	20.86		3
	50	0	20.92	21.05	20.82		3
256QAM	1	0	19.23	19.39	19.31	0-5	5
	1	25	19.25	19.37	19.23		5
	1	49	19.19	19.40	19.19		5
	25	0	19.11	19.27	19.18		5
	25	12	19.11	19.28	19.16		5
	25	25	19.17	19.28	19.16		5
	50	0	19.15	19.27	19.18		5

Table H-80
LTE Band 7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	23.37	23.56	23.38	0	0
	1	12	23.39	23.58	23.38		0
	1	24	23.37	23.58	23.31		0
	12	0	22.86	23.07	22.80	0-1	1
	12	6	22.88	22.99	22.86		1
	12	13	22.85	23.00	22.78		1
	25	0	22.90	23.05	22.87		1
16QAM	1	0	23.15	23.45	23.13	0-1	1
	1	12	23.30	23.38	23.09		1
	1	24	23.07	23.37	23.07		1
	12	0	21.89	22.05	21.89	0-2	2
	12	6	21.91	22.09	21.89		2
	12	13	21.86	22.04	21.85		2
	25	0	21.85	22.03	21.81		2
64QAM	1	0	22.07	22.18	21.98	0-2	2
	1	12	22.10	22.26	21.99		2
	1	24	22.01	22.17	22.03		2
	12	0	20.82	21.04	20.81	0-3	3
	12	6	20.85	21.04	20.82		3
	12	13	20.80	21.01	20.82		3
	25	0	20.82	21.01	20.78		3
256QAM	1	0	19.22	19.29	19.21	0-5	5
	1	12	19.18	19.28	19.16		5
	1	24	19.21	19.38	19.21		5
	12	0	19.10	19.28	19.08		5
	12	6	19.11	19.27	19.11		5
	12	13	19.06	19.24	19.10		5
	25	0	19.08	19.25	19.10		5

Table H-81
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	10.91	11.01	10.93	0	0
	1	36	10.92	11.03	10.88		0
	1	74	10.97	11.01	10.83		0
	36	0	10.90	10.92	10.89	0-1	0
	36	18	10.95	10.95	10.84		0
	36	37	10.96	10.98	10.82		0
	75	0	10.94	10.96	10.90		0
16QAM	1	0	11.25	11.32	11.18	0-1	0
	1	36	11.15	11.30	11.15		0
	1	74	11.25	11.28	11.22		0
	36	0	10.87	10.98	10.91	0-2	0
	36	18	10.95	10.96	10.92		0
	36	37	10.96	11.04	10.89		0
	75	0	10.94	10.95	10.90		0
64QAM	1	0	10.95	11.20	11.07	0-2	0
	1	36	11.11	11.21	11.06		0
	1	74	11.15	11.24	11.00		0
	36	0	10.94	11.00	10.92	0-3	0
	36	18	10.94	11.04	10.93		0
	36	37	10.98	11.03	10.90		0
	75	0	10.94	10.96	10.87		0
256QAM	1	0	10.92	11.07	11.09	0-5	0
	1	36	11.10	11.18	10.93		0
	1	74	10.93	11.12	10.95		0
	36	0	10.92	10.96	10.89		0
	36	18	10.97	10.97	10.88		0
	36	37	10.97	11.00	10.88		0
	75	0	10.94	11.00	10.87		0

Table H-82
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	10.90	10.98	10.87	0	0
	1	25	10.92	11.03	10.84		0
	1	49	10.97	11.05	10.83		0
	25	0	10.94	10.95	10.88	0-1	0
	25	12	10.95	10.97	10.91		0
	25	25	10.95	11.01	10.86		0
	50	0	10.91	10.95	10.92		0
16QAM	1	0	11.22	11.33	11.21	0-1	0
	1	25	11.13	11.23	11.15		0
	1	49	11.24	11.28	11.21		0
	25	0	10.95	10.95	10.87	0-2	0
	25	12	10.96	11.04	10.91		0
	25	25	10.96	11.02	10.92		0
	50	0	10.90	10.95	10.88		0
64QAM	1	0	11.09	11.21	11.07	0-2	0
	1	25	11.14	11.31	11.06		0
	1	49	11.17	11.25	11.06		0
	25	0	10.91	10.94	10.90	0-3	0
	25	12	10.95	10.99	10.89		0
	25	25	10.92	11.03	10.88		0
	50	0	10.92	11.02	10.89		0
256QAM	1	0	11.01	11.06	11.00	0-5	0
	1	25	11.00	11.06	10.93		0
	1	49	11.08	11.09	10.98		0
	25	0	10.93	11.02	10.91		0
	25	12	10.95	11.04	10.86		0
	25	25	10.94	10.95	10.91		0
	50	0	10.95	11.02	10.88		0

Table H-83
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	10.98	11.04	10.84	0	0
	1	12	10.91	11.02	10.82		0
	1	24	10.89	11.06	10.87		0
	12	0	10.86	10.96	10.83	0-1	0
	12	6	10.92	10.98	10.85		0
	12	13	10.91	10.95	10.86		0
	25	0	10.92	11.00	10.87		0
16QAM	1	0	11.24	11.33	11.12	0-1	0
	1	12	11.26	11.24	11.14		0
	1	24	11.31	11.44	11.16		0
	12	0	10.91	11.04	10.91	0-2	0
	12	6	10.96	11.08	10.96		0
	12	13	10.97	11.05	10.87		0
	25	0	10.94	10.94	10.92		0
64QAM	1	0	11.13	11.26	11.04	0-2	0
	1	12	11.12	11.21	11.06		0
	1	24	11.18	11.24	11.11		0
	12	0	10.96	11.05	10.84	0-3	0
	12	6	10.94	11.03	10.90		0
	12	13	10.95	11.02	10.89		0
	25	0	10.88	10.99	10.92		0
256QAM	1	0	10.95	11.21	11.02	0-5	0
	1	12	10.95	11.10	10.95		0
	1	24	11.11	11.11	10.96		0
	12	0	10.91	11.01	10.85		0
	12	6	10.96	11.02	10.89		0
	12	13	10.92	10.96	10.86		0
	25	0	10.93	11.00	10.91		0

Table H-84
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.35	19.50	19.40	0	0
	1	36	19.37	19.53	19.39		0
	1	74	19.40	19.49	19.33		0
	36	0	19.33	19.43	19.32	0-1	0
	36	18	19.33	19.46	19.34		0
	36	37	19.39	19.43	19.36		0
	75	0	19.40	19.51	19.33		0
16QAM	1	0	19.71	19.80	19.76	0-1	0
	1	36	19.73	19.88	19.68		0
	1	74	19.86	19.86	19.71		0
	36	0	19.35	19.49	19.36	0-2	0
	36	18	19.31	19.45	19.37		0
	36	37	19.37	19.52	19.41		0
	75	0	19.37	19.49	19.33		0
64QAM	1	0	19.48	19.64	19.59	0-2	0
	1	36	19.57	19.74	19.58		0
	1	74	19.62	19.72	19.51		0
	36	0	19.33	19.46	19.35	0-3	0
	36	18	19.38	19.51	19.32		0
	36	37	19.43	19.49	19.39		0
	75	0	19.41	19.48	19.35		0
256QAM	1	0	18.81	18.87	18.95	0-5	1
	1	36	18.83	18.97	18.75		1
	1	74	18.89	18.91	18.79		1
	36	0	18.75	18.76	18.70		1
	36	18	18.81	18.83	18.70		1
	36	37	18.71	18.82	18.68		1
	75	0	18.74	18.80	18.70		1

Table H-85
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.39	19.54	19.43	0	0
	1	25	19.32	19.56	19.29		0
	1	49	19.43	19.55	19.39		0
	25	0	19.39	19.52	19.34	0-1	0
	25	12	19.33	19.54	19.39		0
	25	25	19.40	19.52	19.37		0
	50	0	19.41	19.56	19.33		0
16QAM	1	0	19.70	19.93	19.70	0-1	0
	1	25	19.61	19.99	19.56		0
	1	49	19.64	19.84	19.72		0
	25	0	19.35	19.54	19.32	0-2	0
	25	12	19.42	19.58	19.39		0
	25	25	19.44	19.54	19.41		0
	50	0	19.30	19.44	19.33		0
64QAM	1	0	19.57	19.69	19.60	0-2	0
	1	25	19.50	19.75	19.39		0
	1	49	19.61	19.72	19.57		0
	25	0	19.29	19.46	19.33	0-3	0
	25	12	19.34	19.59	19.39		0
	25	25	19.40	19.44	19.38		0
	50	0	19.36	19.53	19.37		0
256QAM	1	0	18.85	18.99	18.82	0-5	1
	1	25	18.85	18.91	18.84		1
	1	49	18.91	18.96	18.77		1
	25	0	18.78	18.82	18.65		1
	25	12	18.75	18.80	18.69		1
	25	25	18.81	18.83	18.72		1
	50	0	18.74	18.86	18.71		1

Table H-86
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.61	19.57	19.59	0	0
	1	12	19.66	19.50	19.40		0
	1	24	19.58	19.70	19.57		0
	12	0	19.49	19.52	19.52	0-1	0
	12	6	19.50	19.55	19.53		0
	12	13	19.47	19.49	19.51		0
	25	0	19.53	19.55	19.50		0
16QAM	1	0	19.87	19.93	19.87	0-1	0
	1	12	19.89	19.85	20.02		0
	1	24	20.00	19.80	19.98		0
	12	0	19.57	19.56	19.60	0-2	0
	12	6	19.55	19.55	19.58		0
	12	13	19.57	19.54	19.56		0
	25	0	19.55	19.50	19.57		0
64QAM	1	0	19.80	19.81	19.80	0-2	0
	1	12	19.65	19.63	19.90		0
	1	24	19.83	19.83	19.76		0
	12	0	19.52	19.57	19.57	0-3	0
	12	6	19.62	19.55	19.55		0
	12	13	19.56	19.53	19.56		0
	25	0	19.47	19.53	19.53		0
256QAM	1	0	18.94	18.93	18.96	0-5	1
	1	12	18.92	18.94	19.01		1
	1	24	18.91	18.99	18.92		1
	12	0	18.81	18.82	18.76		1
	12	6	18.85	18.83	18.83		1
	12	13	18.75	18.74	18.80		1
	25	0	18.80	18.78	18.79		1

H.1.13 LTE Band 7 Antenna S2

Table H-87
LTE Band 7 Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.81	22.64	22.74	0	0
	1	36	22.76	22.70	22.86		0
	1	74	22.75	22.84	23.16		0
	36	0	21.78	21.79	21.90	0-1	1
	36	18	21.78	21.81	21.95		1
	36	37	21.78	21.77	22.03		1
	75	0	21.85	21.84	21.97		1
16QAM	1	0	22.26	22.09	22.09	0-1	1
	1	36	22.04	22.20	22.26		1
	1	74	21.99	22.20	22.49		1
	36	0	20.85	20.87	20.90	0-2	2
	36	18	20.79	20.78	20.94		2
	36	37	20.72	20.80	21.01		2
	75	0	20.79	20.81	20.97		2
64QAM	1	0	20.99	20.75	21.02	0-2	2
	1	36	21.00	20.94	21.16		2
	1	74	20.97	21.00	21.32		2
	36	0	19.84	19.84	19.89	0-3	3
	36	18	19.79	19.80	19.93		3
	36	37	19.78	19.78	20.00		3
	75	0	19.84	19.74	19.91		3
256QAM	1	0	17.93	17.72	17.90	0-5	5
	1	36	17.89	17.76	17.86		5
	1	74	17.77	17.85	18.13		5
	36	0	17.75	17.72	17.84		5
	36	18	17.74	17.69	17.86		5
	36	37	17.69	17.67	17.93		5
	75	0	17.79	17.69	17.88		5

Table H-88
LTE Band 7 Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.82	22.74	22.90	0	0
	1	25	22.88	22.74	23.03		0
	1	49	22.88	22.78	23.13		0
	25	0	21.91	21.91	22.07	0-1	1
	25	12	21.86	21.81	22.07		1
	25	25	21.86	21.82	22.12		1
	50	0	21.90	21.82	22.11		1
16QAM	1	0	22.22	22.01	22.30	0-1	1
	1	25	22.08	22.05	22.40		1
	1	49	22.04	22.19	22.39		1
	25	0	20.84	20.90	21.05	0-2	2
	25	12	20.84	20.76	21.00		2
	25	25	20.77	20.80	21.13		2
	50	0	20.83	20.83	21.12		2
64QAM	1	0	21.03	20.94	21.04	0-2	2
	1	25	20.99	20.98	21.22		2
	1	49	21.00	20.97	21.32		2
	25	0	19.80	19.79	20.02	0-3	3
	25	12	19.81	19.71	20.00		3
	25	25	19.74	19.71	20.06		3
	50	0	19.81	19.80	20.06		3
256QAM	1	0	17.89	17.82	17.97	0-5	5
	1	25	17.80	17.84	18.12		5
	1	49	17.82	17.88	18.23		5
	25	0	17.79	17.80	17.97		5
	25	12	17.74	17.74	17.99		5
	25	25	17.72	17.66	18.02		5
	50	0	17.74	17.73	18.04		5

Table H-89
LTE Band 7 Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	22.97	22.80	23.03	0	0
	1	12	22.79	22.83	23.19		0
	1	24	22.79	22.86	23.27		0
	12	0	21.83	21.82	22.10	0-1	1
	12	6	21.86	21.78	22.11		1
	12	13	21.81	21.76	22.13		1
	25	0	21.90	21.87	22.16		1
16QAM	1	0	22.17	22.25	22.35	0-1	1
	1	12	22.18	21.96	22.45		1
	1	24	22.23	21.95	22.44		1
	12	0	20.98	20.89	21.15	0-2	2
	12	6	20.93	20.86	21.20		2
	12	13	20.85	20.81	21.22		2
	25	0	20.82	20.83	21.17		2
64QAM	1	0	21.09	21.03	21.24	0-2	2
	1	12	21.00	20.96	21.30		2
	1	24	21.04	20.97	21.31		2
	12	0	19.89	19.78	20.13	0-3	3
	12	6	19.89	19.78	20.16		3
	12	13	19.84	19.75	20.21		3
	25	0	19.78	19.76	20.06		3
256QAM	1	0	17.94	17.90	18.13	0-5	5
	1	12	17.96	17.79	18.10		5
	1	24	17.84	17.90	18.27		5
	12	0	17.80	17.70	18.01		5
	12	6	17.81	17.69	17.98		5
	12	13	17.73	17.67	18.12		5
	25	0	17.69	17.74	18.07		5

Table H-90
LTE Band 7 Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	10.13	9.85	9.91	0	0
	1	36	9.96	9.83	10.01		0
	1	74	9.88	9.83	10.20		0
	36	0	10.05	9.86	10.03	0-1	0
	36	18	9.99	9.83	10.00		0
	36	37	9.99	9.83	10.08		0
	75	0	10.10	9.81	10.13		0
16QAM	1	0	10.42	10.11	10.28	0-1	0
	1	36	10.37	10.23	10.20		0
	1	74	10.27	10.29	10.52		0
	36	0	10.05	9.89	10.00	0-2	0
	36	18	10.02	9.77	9.99		0
	36	37	10.02	9.81	10.12		0
	75	0	10.05	9.79	10.04		0
64QAM	1	0	10.39	9.97	10.10	0-2	0
	1	36	10.20	10.06	10.24		0
	1	74	10.08	9.99	10.38		0
	36	0	10.16	9.86	10.03	0-3	0
	36	18	10.08	9.84	10.02		0
	36	37	10.06	9.83	10.13		0
	75	0	10.07	9.85	10.02		0
256QAM	1	0	10.19	9.95	9.99	0-5	0
	1	36	10.12	9.83	10.15		0
	1	74	10.04	9.92	10.16		0
	36	0	10.10	9.85	9.99		0
	36	18	10.04	9.84	10.02		0
	36	37	10.03	9.82	10.10		0
	75	0	10.07	9.76	10.07		0

Table H-91
LTE Band 7 Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	10.18	9.80	9.95	0	0
	1	25	10.09	9.81	10.07		0
	1	49	10.00	9.80	10.23		0
	25	0	10.10	9.85	10.09	0-1	0
	25	12	10.05	9.85	10.07		0
	25	25	9.93	9.75	10.20		0
	50	0	10.10	9.85	10.17		0
16QAM	1	0	10.46	10.21	10.40	0-1	0
	1	25	10.35	10.21	10.40		0
	1	49	10.20	10.13	10.51		0
	25	0	10.13	9.88	10.10	0-2	0
	25	12	10.11	9.84	10.10		0
	25	25	9.98	9.79	10.17		0
	50	0	10.06	9.88	10.07		0
64QAM	1	0	10.22	10.05	10.17	0-2	0
	1	25	10.13	9.99	10.23		0
	1	49	10.20	10.07	10.42		0
	25	0	10.13	9.86	10.10	0-3	0
	25	12	10.08	9.83	10.11		0
	25	25	9.92	9.78	10.12		0
	50	0	10.09	9.85	10.14		0
256QAM	1	0	10.32	9.95	10.05	0-5	0
	1	25	10.11	9.91	10.24		0
	1	49	10.06	9.94	10.31		0
	25	0	10.12	9.85	10.09		0
	25	12	10.10	9.80	10.13		0
	25	25	9.94	9.79	10.10		0
	50	0	10.07	9.82	10.13		0

Table H-92
LTE Band 7 Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	10.15	9.75	10.08	0	0
	1	12	10.10	9.78	10.12		0
	1	24	10.02	9.76	10.20		0
	12	0	10.09	9.74	10.15	0-1	0
	12	6	10.02	9.72	10.13		0
	12	13	10.00	9.76	10.16		0
	25	0	10.06	9.81	10.15		0
16QAM	1	0	10.39	10.11	10.33	0-1	0
	1	12	10.45	10.26	10.51		0
	1	24	10.45	10.02	10.54		0
	12	0	10.16	9.84	10.16	0-2	0
	12	6	10.10	9.80	10.22		0
	12	13	10.10	9.83	10.23		0
	25	0	10.05	9.78	10.15		0
64QAM	1	0	10.36	10.03	10.20	0-2	0
	1	12	10.31	9.88	10.28		0
	1	24	10.07	9.93	10.30		0
	12	0	10.14	9.81	10.18	0-3	0
	12	6	10.01	9.82	10.13		0
	12	13	10.08	9.78	10.18		0
	25	0	10.04	9.72	10.17		0
256QAM	1	0	10.26	9.86	10.06	0-5	0
	1	12	10.11	9.92	10.26		0
	1	24	10.11	9.94	10.33		0
	12	0	10.07	9.76	10.15		0
	12	6	10.05	9.75	10.12		0
	12	13	9.99	9.74	10.16		0
	25	0	10.01	9.78	10.12		0

H.1.14 LTE Band 41 Antenna M1

Table H-93
LTE Band 41 PC3 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	23.96	24.02	23.69	23.76	23.79	0	0
	1	36	23.95	23.96	23.70	23.71	23.76		0
	1	74	23.98	23.92	23.68	23.71	23.80		0
	36	0	22.95	22.97	22.67	22.76	22.79	0-1	1
	36	18	22.94	22.99	22.67	22.77	22.78		1
	36	37	23.01	22.98	22.68	22.76	22.81		1
	75	0	23.00	23.02	22.72	22.80	22.89		1
16QAM	1	0	22.93	23.02	22.67	22.72	22.80	0-1	1
	1	36	22.93	22.95	22.66	22.70	22.80		1
	1	74	22.94	22.89	22.66	22.67	22.79		1
	36	0	21.86	21.97	21.62	21.69	21.79	0-2	2
	36	18	21.89	21.97	21.61	21.67	21.73		2
	36	37	21.94	21.93	21.61	21.65	21.76		2
	75	0	21.96	21.98	21.72	21.71	21.85		2
64QAM	1	0	21.55	21.68	21.36	21.38	21.44	0-2	2
	1	36	21.57	21.64	21.34	21.37	21.45		2
	1	74	21.61	21.54	21.28	21.29	21.44		2
	36	0	20.93	20.96	20.63	20.69	20.79	0-3	3
	36	18	20.90	20.95	20.67	20.73	20.78		3
	36	37	20.94	20.91	20.65	20.69	20.79		3
	75	0	20.96	20.97	20.68	20.75	20.83		3
256QAM	1	0	19.04	19.08	18.80	18.78	18.91	0-5	5
	1	36	19.07	18.99	18.83	18.72	18.88		5
	1	74	19.06	18.94	18.70	18.75	18.94		5
	36	0	19.23	19.25	19.06	19.00	19.14		5
	36	18	19.26	19.25	18.96	18.94	19.17		5
	36	37	19.28	19.20	18.99	18.98	19.16		5
	75	0	19.23	19.26	18.99	18.95	19.15		5

Table H-94
LTE Band 41 PC3 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	23.88	23.98	23.64	23.73	23.76	0	0
	1	25	23.94	23.96	23.66	23.74	23.81		0
	1	49	23.90	23.88	23.61	23.66	23.76		0
	25	0	22.93	23.03	22.69	22.80	22.88	0-1	1
	25	12	22.97	23.00	22.66	22.76	22.82		1
	25	25	22.95	22.98	22.68	22.76	22.83		1
	50	0	22.98	22.99	22.69	22.75	22.81		1
16QAM	1	0	22.90	22.96	22.61	22.67	22.74	0-1	1
	1	25	22.87	22.96	22.66	22.70	22.81		1
	1	49	22.87	22.85	22.59	22.63	22.76		1
	25	0	21.93	22.04	21.68	21.79	21.86	0-2	2
	25	12	21.95	22.00	21.66	21.73	21.84		2
	25	25	21.95	21.96	21.65	21.74	21.80		2
	50	0	21.92	21.97	21.66	21.71	21.81		2
64QAM	1	0	21.50	21.62	21.27	21.34	21.38	0-2	2
	1	25	21.55	21.60	21.28	21.35	21.43		2
	1	49	21.45	21.51	21.23	21.29	21.40		2
	25	0	20.87	20.92	20.59	20.70	20.80	0-3	3
	25	12	20.87	20.93	20.56	20.68	20.74		3
	25	25	20.92	20.91	20.62	20.69	20.78		3
	50	0	20.93	20.97	20.66	20.78	20.86		3
256QAM	1	0	19.02	19.07	18.77	18.72	18.89	0-5	5
	1	25	19.01	19.00	18.73	18.77	18.91		5
	1	49	18.98	19.01	18.69	18.73	18.85		5
	25	0	19.20	19.28	19.02	18.98	19.21		5
	25	12	19.24	19.25	18.94	18.94	19.15		5
	25	25	19.27	19.22	19.01	18.93	19.15		5
	50	0	19.32	19.28	19.06	19.04	19.18		5

Table H-95
LTE Band 41 PC3 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	23.34	23.92	23.59	23.67	23.79	0	0
	1	12	23.75	23.89	23.60	23.69	23.78		0
	1	24	23.71	23.82	23.55	23.66	23.75		0
	12	0	22.69	22.86	22.54	22.67	22.77	0-1	1
	12	6	22.71	22.85	22.54	22.68	22.75		1
	12	13	22.72	22.86	22.55	22.64	22.71		1
	25	0	22.76	22.94	22.61	22.71	22.78		1
16QAM	1	0	22.70	22.87	22.54	22.61	22.73	0-1	1
	1	12	22.71	22.88	22.61	22.62	22.75		1
	1	24	22.72	22.85	22.53	22.62	22.74		1
	12	0	21.63	21.80	21.48	21.60	21.69	0-2	2
	12	6	21.62	21.78	21.46	21.55	21.65		2
	12	13	21.62	21.74	21.47	21.56	21.63		2
	25	0	21.73	21.91	21.59	21.70	21.76		2
64QAM	1	0	21.32	21.51	21.19	21.26	21.38	0-2	2
	1	12	21.40	21.51	21.20	21.29	21.42		2
	1	24	21.32	21.45	21.16	21.24	21.34		2
	12	0	20.63	20.75	20.43	20.54	20.67	0-3	3
	12	6	20.66	20.76	20.43	20.57	20.68		3
	12	13	20.62	20.73	20.44	20.54	20.63		3
	25	0	20.70	20.86	20.51	20.61	20.70		3
256QAM	1	0	18.83	18.95	18.65	18.67	18.89	0-5	5
	1	12	18.86	18.92	18.67	18.69	18.87		5
	1	24	18.83	18.94	18.67	18.69	18.89		5
	12	0	19.06	19.25	18.97	18.98	19.15		5
	12	6	19.13	19.24	18.93	18.97	19.13		5
	12	13	19.10	19.16	18.92	18.97	19.16		5
	25	0	19.06	19.17	18.83	18.97	19.10		5

Table H-96
LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	12.62	12.75	12.38	12.53	12.68	0	0
	1	36	12.64	12.64	12.40	12.57	12.70		0
	1	74	12.72	12.65	12.33	12.59	12.72		0
	36	0	12.61	12.72	12.39	12.53	12.64	0-1	0
	36	18	12.63	12.64	12.34	12.57	12.61		0
	36	37	12.63	12.64	12.34	12.56	12.70		0
	75	0	12.62	12.72	12.33	12.58	12.65		0
16QAM	1	0	12.59	12.75	12.38	12.51	12.66	0-1	0
	1	36	12.62	12.71	12.35	12.55	12.68		0
	1	74	12.64	12.64	12.34	12.55	12.69		0
	36	0	12.52	12.70	12.34	12.43	12.62	0-2	0
	36	18	12.56	12.63	12.27	12.46	12.61		0
	36	37	12.66	12.62	12.32	12.51	12.66		0
	75	0	12.64	12.70	12.36	12.59	12.67		0
64QAM	1	0	12.32	12.46	12.13	12.23	12.40	0-2	0
	1	36	12.36	12.42	12.07	12.28	12.44		0
	1	74	12.37	12.33	12.05	12.29	12.44		0
	36	0	12.66	12.71	12.33	12.57	12.65	0-3	0
	36	18	12.58	12.66	12.31	12.52	12.71		0
	36	37	12.65	12.74	12.40	12.55	12.71		0
	75	0	12.67	12.73	12.38	12.60	12.76		0
256QAM	1	0	12.56	12.68	12.32	12.44	12.60	0-5	0
	1	36	12.59	12.67	12.26	12.46	12.61		0
	1	74	12.59	12.59	12.29	12.47	12.64		0
	36	0	12.61	12.73	12.40	12.56	12.69		0
	36	18	12.66	12.73	12.39	12.61	12.70		0
	36	37	12.68	12.71	12.40	12.62	12.72		0
	75	0	12.65	12.76	12.35	12.63	12.71		0

Table H-97
LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	12.67	12.72	12.40	12.52	12.67	0	0
	1	25	12.70	12.71	12.40	12.60	12.68		0
	1	49	12.68	12.67	12.35	12.59	12.65		0
	25	0	12.60	12.78	12.40	12.54	12.76	0-1	0
	25	12	12.65	12.74	12.40	12.62	12.71		0
	25	25	12.71	12.68	12.35	12.59	12.63		0
	50	0	12.67	12.74	12.40	12.62	12.72		0
16QAM	1	0	12.61	12.77	12.37	12.50	12.66	0-1	0
	1	25	12.67	12.74	12.43	12.58	12.73		0
	1	49	12.63	12.68	12.33	12.58	12.66		0
	25	0	12.64	12.80	12.45	12.63	12.74	0-2	0
	25	12	12.70	12.74	12.39	12.60	12.75		0
	25	25	12.73	12.70	12.40	12.60	12.68		0
	50	0	12.69	12.76	12.40	12.61	12.73		0
64QAM	1	0	12.34	12.50	12.11	12.23	12.44	0-2	0
	1	25	12.42	12.47	12.15	12.28	12.45		0
	1	49	12.40	12.36	12.05	12.32	12.41		0
	25	0	12.62	12.76	12.34	12.58	12.75	0-3	0
	25	12	12.64	12.71	12.33	12.56	12.68		0
	25	25	12.67	12.73	12.33	12.59	12.69		0
	50	0	12.66	12.78	12.42	12.65	12.77		0
256QAM	1	0	12.57	12.72	12.35	12.43	12.60	0-5	0
	1	25	12.60	12.69	12.29	12.53	12.64		0
	1	49	12.62	12.62	12.27	12.52	12.63		0
	25	0	12.62	12.78	12.40	12.56	12.80		0
	25	12	12.68	12.75	12.40	12.61	12.76		0
	25	25	12.72	12.79	12.45	12.67	12.77		0
	50	0	12.72	12.79	12.43	12.67	12.78		0

Table H-98
LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	12.57	12.69	12.37	12.57	12.69	0	0
	1	12	12.55	12.68	12.37	12.55	12.67		0
	1	24	12.58	12.66	12.34	12.56	12.65		0
	12	0	12.52	12.70	12.27	12.56	12.60	0-1	0
	12	6	12.55	12.68	12.30	12.51	12.64		0
	12	13	12.55	12.64	12.35	12.50	12.66		0
	25	0	12.59	12.72	12.36	12.56	12.67		0
16QAM	1	0	12.60	12.70	12.36	12.51	12.68	0-1	0
	1	12	12.59	12.66	12.33	12.54	12.65		0
	1	24	12.58	12.67	12.33	12.54	12.67		0
	12	0	12.50	12.67	12.31	12.51	12.64	0-2	0
	12	6	12.51	12.58	12.29	12.50	12.57		0
	12	13	12.52	12.61	12.31	12.43	12.59		0
	25	0	12.59	12.75	12.35	12.56	12.67		0
64QAM	1	0	12.35	12.42	12.08	12.24	12.41	0-2	0
	1	12	12.35	12.45	12.06	12.28	12.40		0
	1	24	12.35	12.42	12.09	12.25	12.40		0
	12	0	12.52	12.62	12.29	12.53	12.64	0-3	0
	12	6	12.53	12.63	12.29	12.53	12.61		0
	12	13	12.53	12.63	12.34	12.45	12.64		0
	25	0	12.61	12.67	12.38	12.53	12.66		0
256QAM	1	0	12.60	12.65	12.29	12.49	12.64	0-5	0
	1	12	12.57	12.63	12.24	12.48	12.63		0
	1	24	12.58	12.64	12.26	12.45	12.62		0
	12	0	12.66	12.81	12.42	12.60	12.80		0
	12	6	12.72	12.81	12.45	12.67	12.78		0
	12	13	12.67	12.78	12.46	12.65	12.72		0
	25	0	12.68	12.72	12.42	12.61	12.75		0

Table H-99
LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	21.58	21.65	21.50	21.56	21.63	0	0
	1	36	21.61	21.65	21.37	21.56	21.65		0
	1	74	21.62	21.61	21.33	21.59	21.65		0
	36	0	21.54	21.62	21.31	21.50	21.66	0-1	0
	36	18	21.60	21.64	21.34	21.57	21.62		0
	36	37	21.60	21.66	21.34	21.56	21.63		0
	75	0	21.61	21.69	21.36	21.57	21.62		0
16QAM	1	0	21.60	21.68	21.40	21.52	21.67	0-1	0
	1	36	21.63	21.64	21.35	21.53	21.62		0
	1	74	21.59	21.63	21.36	21.56	21.68		0
	36	0	21.08	21.20	20.88	21.02	21.14	0-2	0
	36	18	21.17	21.21	20.84	21.06	21.11		0
	36	37	21.20	21.19	20.89	21.07	21.15		0
	75	0	21.15	21.26	20.89	21.12	21.21		0
64QAM	1	0	20.83	21.08	20.62	20.73	20.83	0-2	0
	1	36	20.79	21.02	20.59	20.76	20.85		0
	1	74	20.87	20.96	20.58	20.78	20.83		0
	36	0	20.25	20.36	20.17	20.21	20.41	0-3	0.4
	36	18	20.29	20.32	20.13	20.19	20.33		0.4
	36	37	20.29	20.40	20.12	20.22	20.35		0.4
	75	0	20.29	20.32	20.17	20.22	20.40		0.4
256QAM	1	0	18.33	18.55	18.11	18.21	18.44	0-5	2.4
	1	36	18.37	18.43	18.18	18.26	18.38		2.4
	1	74	18.43	18.39	18.16	18.26	18.40		2.4
	36	0	18.53	18.77	18.30	18.45	18.65		2.4
	36	18	18.55	18.71	18.27	18.48	18.58		2.4
	36	37	18.62	18.66	18.23	18.51	18.56		2.4
	75	0	18.58	18.72	18.27	18.50	18.61		2.4

Table H-100
LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	21.61	21.70	21.41	21.58	21.67	0	0
	1	25	21.65	21.76	21.45	21.67	21.68		0
	1	49	21.61	21.62	21.35	21.63	21.67		0
	25	0	21.62	21.73	21.47	21.66	21.71	0-1	0
	25	12	21.70	21.76	21.41	21.66	21.72		0
	25	25	21.73	21.77	21.45	21.67	21.70		0
	50	0	21.70	21.75	21.48	21.66	21.70		0
16QAM	1	0	21.64	21.77	21.45	21.58	21.69	0-1	0
	1	25	21.70	21.78	21.49	21.65	21.70		0
	1	49	21.66	21.66	21.38	21.61	21.68		0
	25	0	21.22	21.36	21.04	21.22	21.30	0-2	0
	25	12	21.26	21.37	21.01	21.22	21.30		0
	25	25	21.31	21.31	21.02	21.21	21.25		0
	50	0	21.29	21.28	21.02	21.17	21.28		0
64QAM	1	0	20.86	21.00	20.72	20.81	20.90	0-2	0
	1	25	20.93	21.00	20.73	20.86	20.95		0
	1	49	20.90	20.88	20.62	20.83	20.88		0
	25	0	20.33	20.45	20.13	20.34	20.42	0-3	0.4
	25	12	20.39	20.47	20.11	20.33	20.40		0.4
	25	25	20.41	20.40	20.13	20.32	20.39		0.4
	50	0	20.44	20.50	20.21	20.38	20.50		0.4
256QAM	1	0	18.37	18.53	18.15	18.32	18.39	0-5	2.4
	1	25	18.43	18.54	18.16	18.36	18.45		2.4
	1	49	18.44	18.46	18.17	18.34	18.35		2.4
	25	0	18.63	18.76	18.34	18.53	18.69		2.4
	25	12	18.63	18.70	18.37	18.61	18.69		2.4
	25	25	18.66	18.71	18.33	18.55	18.63		2.4
	50	0	18.66	18.79	18.39	18.63	18.71		2.4

Table H-101
LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	22.03	22.10	21.86	21.96	22.11	0	0
	1	12	22.01	22.10	21.85	22.01	22.12		0
	1	24	22.04	22.04	21.80	21.94	22.10		0
	12	0	21.96	22.08	21.76	21.93	22.08	0-1	0
	12	6	22.00	22.03	21.77	21.94	22.07		0
	12	13	21.98	22.04	21.75	21.90	22.06		0
	25	0	22.01	22.11	21.82	21.97	22.09		0
16QAM	1	0	22.00	22.06	21.79	21.91	22.07	0-1	0
	1	12	22.00	22.04	21.79	21.95	22.09		0
	1	24	22.04	22.02	21.78	21.94	22.07		0
	12	0	21.58	21.65	21.34	21.51	21.65	0-2	0
	12	6	21.57	21.60	21.33	21.48	21.60		0
	12	13	21.59	21.59	21.34	21.46	21.57		0
	25	0	21.70	21.73	21.42	21.61	21.76		0
64QAM	1	0	21.28	21.36	21.09	21.23	21.35	0-2	0
	1	12	21.33	21.35	21.07	21.24	21.33		0
	1	24	21.32	21.34	21.08	21.24	21.34		0
	12	0	20.75	20.81	20.51	20.70	20.84	0-3	0.4
	12	6	20.76	20.76	20.49	20.69	20.83		0.4
	12	13	20.72	20.75	20.55	20.66	20.79		0.4
	25	0	20.84	20.85	20.57	20.72	20.85		0.4
256QAM	1	0	18.84	18.93	18.59	18.70	18.85	0-5	2.4
	1	12	18.84	18.92	18.55	18.75	18.87		2.4
	1	24	18.84	18.91	18.57	18.74	18.83		2.4
	12	0	19.07	19.20	18.85	19.07	19.20		2.4
	12	6	19.11	19.19	18.84	19.04	19.18		2.4
	12	13	19.09	19.18	18.84	18.96	19.13		2.4
	25	0	19.04	19.13	18.78	18.99	19.13		2.4

H.1.15 LTE Band 48 Antenna S4

Table H-102
LTE Band 48 Antenna S4 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	22.74	23.03	23.23	22.83	0	0
	1	36	22.85	23.06	23.20	22.82		0
	1	74	22.88	23.15	23.21	22.78		0
	36	0	21.75	22.00	22.20	21.80	0-1	1
	36	18	21.74	21.98	22.16	21.80		1
	36	37	21.82	22.04	22.15	21.82		1
	75	0	21.75	22.09	22.18	21.84		1
16QAM	1	0	21.73	22.02	22.27	21.85	0-1	1
	1	36	21.80	22.06	22.20	21.81		1
	1	74	21.85	22.13	22.19	21.78		1
	36	0	20.75	21.01	21.15	20.76	0-2	2
	36	18	20.73	20.99	21.19	20.69		2
	36	37	20.79	21.04	21.12	20.72		2
	75	0	20.75	21.01	21.22	20.78		2
64QAM	1	0	20.45	20.73	20.97	20.56	0-2	2
	1	36	20.49	20.81	20.87	20.50		2
	1	74	20.57	20.85	20.83	20.46		2
	36	0	19.73	20.06	20.19	19.77	0-3	3
	36	18	19.79	20.04	20.16	19.77		3
	36	37	19.79	20.08	20.16	19.78		3
	75	0	19.78	20.08	20.20	19.82		3
256QAM	1	0	17.54	17.89	18.05	17.71	0-5	5
	1	36	17.64	17.94	18.02	17.65		5
	1	74	17.68	17.95	17.97	17.62		5
	36	0	17.80	18.05	18.25	17.76		5
	36	18	17.75	18.02	18.19	17.77		5
	36	37	17.80	18.08	18.18	17.79		5
	75	0	17.73	18.06	18.21	17.80		5

Table H-103
LTE Band 48 Antenna S4 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55290 (3555.0 MHz)	Low-Mid Channel 55757 (3601.7 MHz)	Mid-High Channel 56223 (3648.3 MHz)	High Channel 56690 (3695.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]					
QPSK	1	0	22.70	23.00	23.23	22.77	0	0
	1	25	22.79	23.07	23.19	22.78		0
	1	49	22.82	23.07	23.13	22.74		0
	25	0	21.78	22.02	22.23	21.80	0-1	1
	25	12	21.82	22.08	22.25	21.83		1
	25	25	21.84	22.08	22.16	21.79		1
	50	0	21.81	22.05	22.25	21.81		1
16QAM	1	0	21.71	21.99	22.23	21.80	0-1	1
	1	25	21.80	22.05	22.19	21.79		1
	1	49	21.80	22.07	22.15	21.75		1
	25	0	20.75	21.04	21.24	20.80	0-2	2
	25	12	20.82	21.06	21.22	20.83		2
	25	25	20.85	21.10	21.21	20.77		2
	50	0	20.78	21.06	21.20	20.78		2
64QAM	1	0	20.45	20.75	20.94	20.50	0-2	2
	1	25	20.50	20.76	20.91	20.52		2
	1	49	20.52	20.78	20.88	20.43		2
	25	0	19.71	19.95	20.13	19.73	0-3	3
	25	12	19.77	19.99	20.15	19.76		3
	25	25	19.80	20.07	20.20	19.75		3
	50	0	19.80	20.06	20.28	19.84		3
256QAM	1	0	17.58	17.86	18.05	17.64	0-5	5
	1	25	17.65	17.90	18.05	17.63		5
	1	49	17.70	17.95	17.99	17.57		5
	25	0	17.75	18.01	18.20	17.76		5
	25	12	17.79	18.04	18.22	17.77		5
	25	25	17.81	18.11	18.17	17.78		5
	50	0	17.83	18.09	18.25	17.81		5

Table H-104
LTE Band 48 Antenna S4 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55265 (3552.5 MHz)	Low-Mid Channel 55748 (3600.8 MHz)	Mid-High Channel 56232 (3649.2 MHz)	High Channel 56715 (3697.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]					
QPSK	1	0	22.79	22.75	23.24	22.75	0	0
	1	12	22.88	23.14	23.22	22.77		0
	1	24	22.83	23.15	23.18	22.75		0
	12	0	21.71	22.05	22.14	21.69	0-1	1
	12	6	21.78	22.06	22.22	21.69		1
	12	13	21.82	22.05	22.21	21.77		1
	25	0	21.81	22.10	22.22	21.72		1
16QAM	1	0	21.75	22.08	22.21	21.75	0-1	1
	1	12	21.83	22.09	22.20	21.79		1
	1	24	21.81	22.10	22.18	21.75		1
	12	0	20.65	20.98	21.10	20.68	0-2	2
	12	6	20.72	21.02	21.17	20.70		2
	12	13	20.77	21.00	21.13	20.66		2
	25	0	20.84	21.12	21.21	20.76		2
64QAM	1	0	20.43	20.80	20.90	20.50	0-2	2
	1	12	20.49	20.78	20.94	20.51		2
	1	24	20.51	20.83	20.86	20.45		2
	12	0	19.71	20.00	20.13	19.64	0-3	3
	12	6	19.73	20.04	20.15	19.69		3
	12	13	19.73	20.05	20.14	19.71		3
	25	0	19.76	20.07	20.16	19.72		3
256QAM	1	0	17.61	17.89	18.04	17.62	0-5	5
	1	12	17.66	17.94	18.08	17.63		5
	1	24	17.65	17.95	18.03	17.60		5
	12	0	17.82	18.10	18.24	17.79		5
	12	6	17.83	18.12	18.25	17.79		5
	12	13	17.84	18.11	18.24	17.81		5
	25	0	17.77	18.05	18.14	17.71		5

Table H-105
LTE Band 48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55315 (3557.5 MHz)	Low-Mid Channel 55765 (3602.5 MHz)	Mid-High Channel 56215 (3647.5 MHz)	High Channel 56665 (3692.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]					
QPSK	1	0	12.04	12.18	12.36	11.94	0	0
	1	36	12.06	12.28	12.43	11.98		0
	1	74	12.09	12.35	12.41	11.96		0
	36	0	12.04	12.23	12.36	11.99	0-1	0
	36	18	11.98	12.24	12.34	11.98		0
	36	37	12.06	12.29	12.38	11.99		0
	75	0	12.07	12.24	12.43	11.96		0
16QAM	1	0	12.09	12.25	12.39	11.98	0-1	0
	1	36	12.07	12.32	12.39	12.02		0
	1	74	12.15	12.39	12.36	12.00		0
	36	0	12.07	12.21	12.35	11.88	0-2	0
	36	18	12.03	12.18	12.32	11.87		0
	36	37	12.04	12.27	12.29	11.99		0
	75	0	12.02	12.24	12.39	12.01		0
64QAM	1	0	11.79	12.10	12.10	11.68	0-2	0
	1	36	11.70	12.11	12.06	11.70		0
	1	74	11.86	12.16	12.07	11.71		0
	36	0	12.16	12.18	12.37	12.02	0-3	0
	36	18	11.99	12.29	12.42	12.00		0
	36	37	12.09	12.34	12.35	12.03		0
	75	0	12.10	12.26	12.42	12.04		0
256QAM	1	0	11.92	12.10	12.27	11.86	0-5	0
	1	36	11.90	12.14	12.29	11.88		0
	1	74	11.96	12.22	12.30	11.89		0
	36	0	12.16	12.25	12.45	12.02		0
	36	18	12.04	12.31	12.46	12.03		0
	36	37	12.15	12.34	12.38	12.05		0
	75	0	12.06	12.33	12.40	12.06		0

Table H-106
LTE Band 48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55290 (3555.0 MHz)	Low-Mid Channel 55757 (3601.7 MHz)	Mid-High Channel 56223 (3648.3 MHz)	High Channel 56690 (3695.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]					
QPSK	1	0	12.03	12.25	12.38	12.04	0	0
	1	25	12.03	12.24	12.39	11.98		0
	1	49	12.08	12.30	12.35	11.98		0
	25	0	12.07	12.23	12.43	12.00	0-1	0
	25	12	12.08	12.27	12.42	12.01		0
	25	25	12.10	12.26	12.36	11.98		0
	50	0	12.09	12.28	12.41	12.03		0
16QAM	1	0	12.02	12.24	12.42	12.01	0-1	0
	1	25	12.00	12.29	12.38	12.02		0
	1	49	12.13	12.39	12.39	12.06		0
	25	0	12.05	12.28	12.43	12.03	0-2	0
	25	12	12.06	12.26	12.43	11.99		0
	25	25	12.08	12.28	12.40	11.96		0
	50	0	12.08	12.29	12.44	12.04		0
64QAM	1	0	11.76	12.01	12.13	11.70	0-2	0
	1	25	11.75	12.08	12.09	11.73		0
	1	49	11.83	12.13	12.07	11.77		0
	25	0	12.00	12.23	12.34	11.96	0-3	0
	25	12	12.04	12.28	12.41	11.92		0
	25	25	12.03	12.23	12.35	11.97		0
	50	0	12.10	12.32	12.48	12.09		0
256QAM	1	0	11.91	12.07	12.34	11.92	0-5	0
	1	25	11.94	12.15	12.29	11.92		0
	1	49	11.99	12.20	12.26	11.92		0
	25	0	12.09	12.25	12.48	12.07		0
	25	12	12.10	12.31	12.44	12.05		0
	25	25	12.10	12.28	12.39	12.03		0
	50	0	12.14	12.34	12.47	12.12		0

Table H-107
LTE Band 48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55265 (3552.5 MHz)	Low-Mid Channel 55748 (3600.8 MHz)	Mid-High Channel 56232 (3649.2 MHz)	High Channel 56715 (3697.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]					
QPSK	1	0	12.07	12.23	12.44	11.96	0	0
	1	12	12.07	12.30	12.40	11.94		0
	1	24	12.09	12.31	12.43	12.00		0
	12	0	12.00	12.19	12.34	11.87	0-1	0
	12	6	12.05	12.22	12.40	11.92		0
	12	13	12.00	12.21	12.32	11.95		0
	25	0	12.04	12.23	12.40	11.98		0
16QAM	1	0	12.05	12.23	12.38	11.98	0-1	0
	1	12	12.10	12.32	12.36	11.90		0
	1	24	12.06	12.39	12.37	11.99		0
	12	0	11.97	12.20	12.30	11.88	0-2	0
	12	6	11.94	12.28	12.29	11.87		0
	12	13	11.95	12.17	12.28	11.90		0
	25	0	12.09	12.26	12.41	11.98		0
64QAM	1	0	11.74	12.08	12.10	11.69	0-2	0
	1	12	11.74	12.05	12.08	11.68		0
	1	24	11.76	12.12	12.13	11.67		0
	12	0	11.96	12.21	12.34	11.90	0-3	0
	12	6	11.98	12.21	12.31	11.89		0
	12	13	11.97	12.18	12.33	11.92		0
	25	0	12.04	12.23	12.39	11.96		0
256QAM	1	0	11.94	12.13	12.27	11.87	0-5	0
	1	12	11.92	12.10	12.24	11.85		0
	1	24	11.95	12.26	12.26	11.87		0
	12	0	12.10	12.34	12.48	12.02		0
	12	6	12.13	12.35	12.47	12.05		0
	12	13	12.14	12.34	12.45	12.05		0
	25	0	12.09	12.29	12.44	11.98		0

H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band n71 Antenna M1

Table H-108
NR Band n71 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	136100 (680.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.95	0	0.0
	1	40	23.99		0.0
	1	77	23.60		0.0
	36	0	23.55	0-1	1.0
	36	22	23.84	0	0.0
	36	43	23.33	0-1	1.0
	75	0	23.50		1.0
DFT-s-OFDM 16QAM	1	1	23.22	0-1	1.0
CP-OFDM QPSK	1	1	22.68	0-1.5	1.5

Table H-109
NR Band n71 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.89	23.92	23.52	0	0.0
	1	26	24.09	24.09	23.51		0.0
	1	50	23.98	23.73	23.29		0.0
	25	0	23.23	23.44	22.99	0-1	1.0
	25	14	23.89	23.81	23.36	0	0.0
	25	27	23.51	23.38	22.84	0-1	1.0
	50	0	23.34	23.43	22.92		1.0
DFT-s-OFDM 16QAM	1	1	23.33	23.21	23.08	0-1	1.0
CP-OFDM QPSK	1	1	22.54	22.93	22.36	0-1.5	1.5

Table H-110
NR Band n71 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.91	24.01	23.47	0	0.0
	1	13	23.90	23.96	23.36		0.0
	1	23	23.90	23.64	23.35		0.0
	12	0	23.26	23.32	22.85	0-1	1.0
	12	7	23.79	23.77	23.36	0	0.0
	12	13	23.35	23.27	22.80	0-1	1.0
	25	0	23.36	23.30	22.87		1.0
DFT-s-OFDM 16QAM	1	1	23.12	23.20	23.04	0-1	1.0
CP-OFDM QPSK	1	1	22.57	22.65	22.31	0-1.5	1.5

Table H-111
NR Band n71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	136100 (680.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.66	0	0.0
	1	40	15.70		0.0
	1	77	15.42		0.0
	36	0	16.01	0-1	0.0
	36	22	15.78	0	0.0
	36	43	15.79	0-1	0.0
	75	0	15.98		0.0
DFT-s-OFDM 16QAM	1	1	15.77	0-1	0.0
CP-OFDM QPSK	1	1	16.04	0-1.5	0.0

Table H-112
NR Band n71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.53	15.58	15.30	0	0.0
	1	26	15.72	15.67	15.19		0.0
	1	50	15.70	15.45	15.06		0.0
	25	0	15.73	16.01	15.40	0-1	0.0
	25	14	15.78	15.81	15.26	0	0.0
	25	27	15.95	15.79	15.24	0-1	0.0
	50	0	15.79	15.87	15.35		0.0
DFT-s-OFDM 16QAM	1	1	15.63	15.76	15.37	0-1	0.0
CP-OFDM QPSK	1	1	15.93	16.09	15.67	0-1.5	0.0

Table H-113
NR Band n71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.54	15.69	15.18	0	0.0
	1	13	15.59	15.71	15.15		0.0
	1	23	15.67	15.58	15.02		0.0
	12	0	15.70	15.75	15.25	0-1	0.0
	12	7	15.71	15.75	15.21	0	0.0
	12	13	15.78	15.68	15.26	0-1	0.0
	25	0	15.80	15.77	15.30		0.0
DFT-s-OFDM 16QAM	1	1	15.62	15.76	15.24	0-1	0.0
CP-OFDM QPSK	1	1	16.02	16.20	15.64	0-1.5	0.0

H.2.2 NR Band n12 Antenna M1

Table H-114
NR Band n12 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) – 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.44	0	0.0
	1	26	23.58		0.0
	1	50	23.41		0.0
	25	0	22.91	0-1	1.0
	25	14	23.44	0	0.0
	25	27	22.76	0-1	1.0
	50	0	22.89		1.0
DFT-s-OFDM 16QAM	1	1	23.12	0-1	1.0
CP-OFDM QPSK	1	1	22.34	0-1.5	1.5

Table H-115
NR Band n12 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) – 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.25	23.47	23.35	0	0.0
	1	13	23.31	23.44	23.36		0.0
	1	23	23.40	23.40	23.31		0.0
	12	0	22.73	22.98	22.78	0-1	1.0
	12	7	23.35	23.40	23.32	0	0.0
	12	13	22.89	22.78	22.72	0-1	1.0
	25	0	22.79	22.89	22.74		1.0
DFT-s-OFDM 16QAM	1	1	22.94	23.00	23.07	0-1	1.0
CP-OFDM QPSK	1	1	22.22	22.25	22.32	0-1.5	1.5

Table H-116
NR Band n12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.92	0	0.0
	1	26	15.93		0.0
	1	50	15.86		0.0
	25	0	16.03	0-1	0.0
	25	14	15.99	0	0.0
	25	27	15.81	0-1	0.0
	50	0	15.95		0.0
DFT-s-OFDM 16QAM	1	1	15.99	0-1	0.0
CP-OFDM QPSK	1	1	16.21	0-1.5	0.0

Table H-117
NR Band n12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.79	15.88	15.79	0	0.0
	1	13	15.84	15.91	15.81		0.0
	1	23	15.89	15.83	15.80		0.0
	12	0	15.80	15.98	15.83	0-1	0.0
	12	7	15.89	15.97	15.91	0	0.0
	12	13	15.97	15.88	15.85	0-1	0.0
	25	0	15.88	15.97	15.86		0.0
DFT-s-OFDM 16QAM	1	1	15.81	15.97	15.82	0-1	0.0
CP-OFDM QPSK	1	1	16.04	16.25	16.05	0-1.5	0.0

H.2.3 NR Band n26 Antenna M1

Table H-118
NR Band n26 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n26 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	164300 (821.5 MHz)	168300 (841.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	22.83	23.00	0	0.0
	1	40	22.73	23.24		0.0
	1	77	22.81	23.13		0.0
	36	0	22.22	22.42	0-1	1.0
	36	22	22.75	23.16	0	0.0
	36	43	22.19	22.48	0-1	1.0
	75	0	22.17	22.43		1.0
DFT-s-OFDM 16QAM	1	1	22.48	22.33	0-1	1.0
CP-OFDM QPSK	1	1	21.70	21.84	0-1.5	1.5

Table H-119
NR Band n26 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n26 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163800 (819 MHz)	166300 (831.5 MHz)	168800 (844 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.86	22.74	23.12	0	0.0
	1	26	22.91	23.05	23.27		0.0
	1	50	22.72	23.01	23.09		0.0
	25	0	22.18	22.32	22.45	0-1	1.0
	25	14	22.73	22.89	23.17	0	0.0
	25	27	22.24	22.47	22.32	0-1	1.0
	50	0	22.26	22.42	22.34		1.0
DFT-s-OFDM 16QAM	1	1	22.47	22.28	22.50	0-1	1.0
CP-OFDM QPSK	1	1	21.69	21.56	21.81	0-1.5	1.5

Table H-120
NR Band n26 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n26 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163300 (816.5 MHz)	166300 (831.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.88	22.74	23.22	0	0.0
	1	13	22.82	22.87	23.18		0.0
	1	23	22.78	22.93	23.15		0.0
	12	0	22.31	22.30	22.49	0-1	1.0
	12	7	22.84	22.83	23.19	0	0.0
	12	13	22.27	22.31	22.44	0-1	1.0
	25	0	22.29	22.34	22.32		1.0
DFT-s-OFDM 16QAM	1	1	22.46	22.31	22.49	0-1	1.0
CP-OFDM QPSK	1	1	21.74	21.61	21.93	0-1.5	1.5

Table H-121
NR Band n26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n26 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	164300 (821.5 MHz)	168300 (841.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.67	13.80	0	0.0
	1	40	13.51	13.86		0.0
	1	77	13.66	13.86		0.0
	36	0	13.70	13.98	0-1	0.0
	36	22	13.63	14.11	0	0.0
	36	43	13.62	13.91	0-1	0.0
	75	0	13.68	14.06		0.0
DFT-s-OFDM 16QAM	1	1	13.77	13.82	0-1	0.0
CP-OFDM QPSK	1	1	13.99	14.12	0-1.5	0.0

Table H-122
NR Band n26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n26 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163800 (819 MHz)	166300 (831.5 MHz)	168800 (844 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	13.72	13.54	13.85	0	0.0
	1	26	13.68	13.77	13.83		0.0
	1	50	13.59	13.85	13.81		0.0
	25	0	13.70	13.84	13.95	0-1	0.0
	25	14	13.65	13.90	13.96	0	0.0
	25	27	13.69	14.00	13.95	0-1	0.0
	50	0	13.69	13.91	14.00		0.0
DFT-s-OFDM 16QAM	1	1	13.73	13.62	13.93	0-1	0.0
CP-OFDM QPSK	1	1	14.00	13.86	14.18	0-1.5	0.0

Table H-123
NR Band n26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n26 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163300 (816.5 MHz)	166300 (831.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	13.73	13.69	13.88	0	0.0
	1	13	13.71	13.78	13.83		0.0
	1	23	13.66	13.72	13.88		0.0
	12	0	13.74	13.78	13.99	0-1	0.0
	12	7	13.75	13.81	13.97	0	0.0
	12	13	13.74	13.83	14.03	0-1	0.0
	25	0	13.77	13.83	14.01		0.0
DFT-s-OFDM 16QAM	1	1	13.76	13.78	13.99	0-1	0.0
CP-OFDM QPSK	1	1	14.04	14.04	14.20	0-1.5	0.0

H.2.4 NR Band n70 Antenna M1

Table H-124
NR Band n70 Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.99	0	0.0
	1	26	23.05		0.0
	1	50	23.02		0.0
	25	0	22.66	0-1	0.0
	25	14	23.01	0	0.0
	25	27	22.59	0-1	0.0
	50	0	22.63		0.0
DFT-s-OFDM 16QAM	1	1	22.38	0-1	0.0
CP-OFDM QPSK	1	1	22.07	0-1.5	0.0

Table H-125
NR Band n70 Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	23.01	22.98	0	0.0
	1	13	23.01	22.97		0.0
	1	23	23.06	23.01		0.0
	12	0	22.53	22.54	0-1	0.0
	12	7	23.07	23.10	0	0.0
	12	13	22.52	22.53	0-1	0.0
	25	0	22.49	22.54		0.0
DFT-s-OFDM 16QAM	1	1	22.76	22.88	0-1	0.0
CP-OFDM QPSK	1	1	22.10	22.14	0-1.5	0.0

Table H-126
NR Band n70 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.10	0	0.0
	1	26	13.21		0.0
	1	50	13.10		0.0
	25	0	13.18	0-1	0.0
	25	14	13.20	0	0.0
	25	27	13.22	0-1	0.0
	50	0	13.18		0.0
DFT-s-OFDM 16QAM	1	1	12.96	0-1	0.0
CP-OFDM QPSK	1	1	13.22	0-1.5	0.0

Table H-127
NR Band n70 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.22	13.21	0	0.0
	1	13	13.20	13.25		0.0
	1	23	13.26	13.17		0.0
	12	0	13.30	13.27	0-1	0.0
	12	7	13.36	13.29	0	0.0
	12	13	13.28	13.24	0-1	0.0
	25	0	13.28	13.25		0.0
DFT-s-OFDM 16QAM	1	1	13.29	13.41	0-1	0.0
CP-OFDM QPSK	1	1	13.26	13.26	0-1.5	0.0

Table H-128
NR Band n70 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.75	0	0.0
	1	26	21.90		0.0
	1	50	21.78		0.0
	25	0	21.87	0-1	0.0
	25	14	21.91	0	0.0
	25	27	21.80	0-1	0.0
	50	0	21.83		0.0
DFT-s-OFDM 16QAM	1	1	21.66	0-1	0.0
CP-OFDM QPSK	1	1	21.21	0-1.5	0.0

Table H-129
NR Band n70 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	21.82	21.82	0	0.0
	1	13	21.79	21.80		0.0
	1	23	21.82	21.84		0.0
	12	0	21.89	21.88	0-1	0.0
	12	7	21.95	21.92	0	0.0
	12	13	21.89	21.85	0-1	0.0
	25	0	21.86	21.90		0.0
DFT-s-OFDM 16QAM	1	1	22.22	22.23	0-1	0.0
CP-OFDM QPSK	1	1	21.86	21.90	0-1.5	0.0

H.2.5 NR Band n66 Antenna M1

Table H-130
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 35 MHz Bandwidth

NR Band n66 35 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.74	0	0.0
	1	94	23.71		0.0
	1	186	23.42		0.0
	90	0	22.84	0-1	0.5
	90	49	23.89	0	0.0
	90	98	22.65	0-1	0.5
	180	0	22.74		0.5
DFT-s-OFDM 16QAM	1	1	22.82	0-1	0.5
CP-OFDM QPSK	1	1	22.32	0-1.5	1.0

Table H-131
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.63	0	0.0
	1	80	23.68		0.0
	1	158	23.38		0.0
	80	0	23.15	0-1	0.5
	80	40	23.69	0	0.0
	80	80	22.98	0-1	0.5
	160	0	23.06		0.5
DFT-s-OFDM 16QAM	1	1	23.06	0-1	0.5
CP-OFDM QPSK	1	1	22.64	0-1.5	1.0

Table H-132
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.80	0	0.0
	1	67	23.76		0.0
	1	131	23.58		0.0
	64	0	22.72	0-1	0.5
	64	35	23.73	0	0.0
	64	69	22.51	0-1	0.5
	128	0	22.63		0.5
DFT-s-OFDM 16QAM	1	1	22.96	0-1	0.5
CP-OFDM QPSK	1	1	22.41	0-1.5	1.0

Table H-133
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.76	23.63	23.25	0	0.0
	1	53	23.77	23.70	23.32		0.0
	1	104	23.57	23.39	23.25		0.0
	50	0	23.31	23.16	22.80	0-1	0.5
	50	28	23.81	23.63	23.28	0	0.0
	50	56	23.25	22.98	22.82	0-1	0.5
	100	0	23.31	23.11	22.80		0.5
DFT-s-OFDM 16QAM	1	1	23.24	23.11	22.72	0-1	0.5
CP-OFDM QPSK	1	1	22.80	22.69	22.33	0-1.5	1.0

Table H-134
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.80	23.59	23.16	0	0.0
	1	40	23.79	23.61	23.19		0.0
	1	77	23.70	23.41	23.18		0.0
	36	0	23.34	23.19	22.71	0-1	0.5
	36	22	23.85	23.69	23.32	0	0.0
	36	43	23.29	23.04	22.74	0-1	0.5
	75	0	23.30	23.13	22.79		0.5
DFT-s-OFDM 16QAM	1	1	23.24	23.30	22.95	0-1	0.5
CP-OFDM QPSK	1	1	22.78	22.62	22.25	0-1.5	1.0

Table H-135
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.80	23.53	23.31	0	0.0
	1	26	23.84	23.61	23.39		0.0
	1	50	23.76	23.48	23.32		0.0
	25	0	23.34	23.12	22.80	0-1	0.5
	25	14	23.87	23.60	23.35	0	0.0
	25	27	23.29	22.98	22.77	0-1	0.5
	50	0	23.34	23.08	22.82		0.5
DFT-s-OFDM 16QAM	1	1	23.29	23.25	22.98	0-1	0.5
CP-OFDM QPSK	1	1	22.85	22.60	22.32	0-1.5	1.0

Table H-136
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.70	23.61	23.31	0	0.0
	1	13	23.65	23.59	23.29		0.0
	1	23	23.63	23.48	23.29		0.0
	12	0	23.25	23.11	22.80	0-1	0.5
	12	7	23.76	23.60	23.38	0	0.0
	12	13	23.25	23.02	22.76	0-1	0.5
	25	0	23.24	23.09	22.76		0.5
DFT-s-OFDM 16QAM	1	1	23.42	23.34	23.07	0-1	0.5
CP-OFDM QPSK	1	1	22.69	22.58	22.29	0-1.5	1.0

Table H-137
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 35 MHz Bandwidth

NR Band n66 35 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.46	0	0.0
	1	94	14.49		0.0
	1	186	14.26		0.0
	90	0	14.46	0-1	0.0
	90	49	14.48	0	0.0
	90	98	14.41	0-1	0.0
	180	0	14.44		0.0
DFT-s-OFDM 16QAM	1	1	14.42	0-1	0.0
CP-OFDM QPSK	1	1	14.47	0-1.5	0.0

Table H-138
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.21	0	0.0
	1	80	14.31		0.0
	1	158	14.11		0.0
	80	0	14.34	0-1	0.0
	80	40	14.35	0	0.0
	80	80	14.18	0-1	0.0
	160	0	14.30		0.0
DFT-s-OFDM 16QAM	1	1	14.46	0-1	0.0
CP-OFDM QPSK	1	1	14.29	0-1.5	0.0

Table H-139
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.42	0	0.0
	1	67	14.41		0.0
	1	131	14.35		0.0
	64	0	14.38	0-1	0.0
	64	35	14.43	0	0.0
	64	69	14.20	0-1	0.0
	128	0	14.41		0.0
DFT-s-OFDM 16QAM	1	1	14.46	0-1	0.0
CP-OFDM QPSK	1	1	14.42	0-1.5	0.0

Table H-140
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.47	14.25	14.02	0	0.0
	1	53	14.42	14.32	14.02		0.0
	1	104	14.22	14.12	14.03		0.0
	50	0	14.38	14.30	13.98	0-1	0.0
	50	28	14.44	14.28	13.99	0	0.0
	50	56	14.35	14.15	13.99	0-1	0.0
	100	0	14.44	14.21	14.03		0.0
DFT-s-OFDM 16QAM	1	1	14.35	14.45	13.87	0-1	0.0
CP-OFDM QPSK	1	1	14.42	14.22	13.93	0-1.5	0.0

Table H-141
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.46	14.29	13.95	0	0.0
	1	40	14.46	14.20	13.99		0.0
	1	77	14.27	14.09	13.96		0.0
	36	0	14.46	14.27	13.95	0-1	0.0
	36	22	14.43	14.28	13.96	0	0.0
	36	43	14.37	14.09	13.97	0-1	0.0
	75	0	14.46	14.27	13.95		0.0
DFT-s-OFDM 16QAM	1	1	14.31	14.41	14.09	0-1	0.0
CP-OFDM QPSK	1	1	14.45	14.15	13.93	0-1.5	0.0

Table H-142
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.49	14.27	13.97	0	0.0
	1	26	14.49	14.35	14.13		0.0
	1	50	14.32	14.11	14.12		0.0
	25	0	14.43	14.30	13.94	0-1	0.0
	25	14	14.49	14.24	14.04	0	0.0
	25	27	14.38	14.16	13.93	0-1	0.0
	50	0	14.46	14.22	14.03		0.0
DFT-s-OFDM 16QAM	1	1	14.34	14.09	14.17	0-1	0.0
CP-OFDM QPSK	1	1	14.47	14.20	13.98	0-1.5	0.0

Table H-143
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.38	14.19	14.00	0	0.0
	1	13	14.33	14.23	14.07		0.0
	1	23	14.26	14.16	14.03		0.0
	12	0	14.42	14.21	14.02	0-1	0.0
	12	7	14.43	14.24	14.00	0	0.0
	12	13	14.30	14.12	13.99	0-1	0.0
	25	0	14.37	14.14	13.93		0.0
DFT-s-OFDM 16QAM	1	1	14.48	14.37	14.20	0-1	0.0
CP-OFDM QPSK	1	1	14.37	14.16	14.00	0-1.5	0.0

Table H-144
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 35 MHz Bandwidth

NR Band n66 35 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.31	0	0.0
	1	94	22.39		0.0
	1	186	22.01		0.0
	90	0	22.30	0-1	0.0
	90	49	22.34	0	0.0
	90	98	22.12	0-1	0.0
	180	0	22.17		0.0
DFT-s-OFDM 16QAM	1	1	22.37	0-1	0.0
CP-OFDM QPSK	1	1	22.35	0-1.5	0.0

Table H-145
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.17	0	0.0
	1	80	22.26		0.0
	1	158	21.89		0.0
	80	0	22.25	0-1	0.0
	80	40	22.22	0	0.0
	80	80	22.02	0-1	0.0
	160	0	22.12		0.0
DFT-s-OFDM 16QAM	1	1	22.32	0-1	0.0
CP-OFDM QPSK	1	1	22.23	0-1.5	0.0

Table H-146
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.38	0	0.0
	1	67	22.25		0.0
	1	131	22.12		0.0
	64	0	22.25	0-1	0.0
	64	35	22.23	0	0.0
	64	69	21.99	0-1	0.0
	128	0	22.06		0.0
DFT-s-OFDM 16QAM	1	1	22.35	0-1	0.0
CP-OFDM QPSK	1	1	22.39	0-1.5	0.0

Table H-147
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.28	22.16	21.81	0	0.0
	1	53	22.29	22.22	21.83		0.0
	1	104	22.14	21.95	21.77		0.0
	50	0	22.34	22.22	21.80	0-1	0.0
	50	28	22.33	22.17	21.85	0	0.0
	50	56	22.28	22.08	21.80	0-1	0.0
	100	0	22.35	22.17	21.91		0.0
DFT-s-OFDM 16QAM	1	1	22.44	22.31	22.18	0-1	0.0
CP-OFDM QPSK	1	1	22.41	22.22	21.88	0-1.5	0.0

Table H-148
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.33	22.09	21.75	0	0.0
	1	40	22.32	22.10	21.74		0.0
	1	77	22.22	21.99	21.80		0.0
	36	0	22.40	22.23	21.82	0-1	0.0
	36	22	22.39	22.19	21.85	0	0.0
	36	43	22.35	22.13	21.80	0-1	0.0
	75	0	22.34	22.17	21.82		0.0
DFT-s-OFDM 16QAM	1	1	22.48	22.33	22.11	0-1	0.0
CP-OFDM QPSK	1	1	22.40	22.24	21.80	0-1.5	0.0

Table H-149
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.33	22.13	21.82	0	0.0
	1	26	22.36	22.11	21.88		0.0
	1	50	22.22	22.03	21.84		0.0
	25	0	22.41	22.19	21.86	0-1	0.0
	25	14	22.35	22.15	21.94	0	0.0
	25	27	22.28	22.05	21.82	0-1	0.0
	50	0	22.38	22.15	21.87		0.0
DFT-s-OFDM 16QAM	1	1	22.42	22.29	22.20	0-1	0.0
CP-OFDM QPSK	1	1	22.40	22.18	21.91	0-1.5	0.0

Table H-150
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.21	22.05	21.76	0	0.0
	1	13	22.19	22.03	21.77		0.0
	1	23	22.18	22.00	21.81		0.0
	12	0	22.28	22.14	21.81	0-1	0.0
	12	7	22.32	22.10	21.84	0	0.0
	12	13	22.27	22.02	21.77	0-1	0.0
	25	0	22.30	22.10	21.79		0.0
DFT-s-OFDM 16QAM	1	1	22.28	22.28	22.06	0-1	0.0
CP-OFDM QPSK	1	1	22.24	22.13	21.85	0-1.5	0.0

H.2.6 NR Band n25 Antenna M1

Table H-151
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 35 MHz Bandwidth

NR Band n25 35 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.80	0	0.0
	1	94	23.93		0.0
	1	186	23.75		0.0
	90	0	23.01	0-1	0.0
	90	49	23.94	0	0.0
	90	98	22.98	0-1	0.0
	180	0	22.97		0.0
DFT-s-OFDM 16QAM	1	1	22.98	0-1	0.0
CP-OFDM QPSK	1	1	22.57	0-1.5	0.5

Table H-152
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.70	0	0.0
	1	80	23.79		0.0
	1	158	23.70		0.0
	80	0	23.28	0-1	0.0
	80	40	23.85	0	0.0
	80	80	23.29	0-1	0.0
	160	0	23.23		0.0
DFT-s-OFDM 16QAM	1	1	22.94	0-1	0.0
CP-OFDM QPSK	1	1	22.75	0-1.5	0.5

Table H-153
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.72	0	0.0
	1	67	23.69		0.0
	1	131	23.64		0.0
	64	0	23.15	0-1	0.0
	64	35	23.75	0	0.0
	64	69	23.15	0-1	0.0
	128	0	23.18		0.0
DFT-s-OFDM 16QAM	1	1	23.17	0-1	0.0
CP-OFDM QPSK	1	1	22.79	0-1.5	0.5

Table H-154
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.80	23.73	23.79	0	0.0
	1	53	23.85	23.81	23.92		0.0
	1	104	23.79	23.71	23.84		0.0
	50	0	23.33	23.24	23.46	0-1	0.0
	50	28	23.85	23.83	23.93	0	0.0
	50	56	23.35	23.22	23.31	0-1	0.0
	100	0	23.41	23.33	23.44		0.0
DFT-s-OFDM 16QAM	1	1	23.17	23.16	23.30	0-1	0.0
CP-OFDM QPSK	1	1	22.73	22.70	22.81	0-1.5	0.5

Table H-155
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.81	23.75	23.79	0	0.0
	1	40	23.83	23.78	23.83		0.0
	1	77	23.80	23.71	23.81		0.0
	36	0	23.37	23.32	23.40	0-1	0.0
	36	22	23.90	23.82	23.91	0	0.0
	36	43	23.37	23.24	23.38	0-1	0.0
	75	0	23.40	23.28	23.42		0.0
DFT-s-OFDM 16QAM	1	1	23.25	23.19	23.16	0-1	0.0
CP-OFDM QPSK	1	1	22.79	22.68	22.72	0-1.5	0.5

Table H-156
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.83	23.72	23.74	0	0.0
	1	26	23.88	23.79	23.82		0.0
	1	50	23.77	23.76	23.84		0.0
	25	0	23.33	23.21	23.32	0-1	0.0
	25	14	23.89	23.79	23.84	0	0.0
	25	27	23.33	23.22	23.24	0-1	0.0
	50	0	23.36	23.26	23.32		0.0
DFT-s-OFDM 16QAM	1	1	23.28	23.21	23.07	0-1	0.0
CP-OFDM QPSK	1	1	22.81	22.69	22.70	0-1.5	0.5

Table H-157
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.77	23.74	23.78	0	0.0
	1	13	23.66	23.73	23.81		0.0
	1	23	23.73	23.65	23.75		0.0
	12	0	23.28	23.31	23.34	0-1	0.0
	12	7	23.83	23.80	23.83	0	0.0
	12	13	23.24	23.23	23.24	0-1	0.0
	25	0	23.29	23.22	23.31		0.0
DFT-s-OFDM 16QAM	1	1	23.17	23.17	23.06	0-1	0.0
CP-OFDM QPSK	1	1	22.91	22.68	22.66	0-1.5	0.5

Table H-158
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 35 MHz Bandwidth

NR Band n25 35 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.83	0	0.0
	1	94	11.90		0.0
	1	186	11.76		0.0
	90	0	11.88	0-1	0.0
	90	49	11.92	0	0.0
	90	98	11.78	0-1	0.0
	180	0	11.88		0.0
DFT-s-OFDM 16QAM	1	1	11.82	0-1	0.0
CP-OFDM QPSK	1	1	11.93	0-1.5	0.0

Table H-159
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.62	0	0.0
	1	80	11.67		0.0
	1	158	11.59		0.0
	80	0	11.73	0-1	0.0
	80	40	11.67	0	0.0
	80	80	11.62	0-1	0.0
	160	0	11.67		0.0
DFT-s-OFDM 16QAM	1	1	11.82	0-1	0.0
CP-OFDM QPSK	1	1	11.67	0-1.5	0.0

Table H-160
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.63	0	0.0
	1	67	11.56		0.0
	1	131	11.60		0.0
	64	0	11.63	0-1	0.0
	64	35	11.60	0	0.0
	64	69	11.55	0-1	0.0
	128	0	11.61		0.0
DFT-s-OFDM 16QAM	1	1	11.88	0-1	0.0
CP-OFDM QPSK	1	1	11.75	0-1.5	0.0

Table H-161
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.88	11.65	11.90	0	0.0
	1	53	11.86	11.82	11.91		0.0
	1	104	11.82	11.68	11.92		0.0
	50	0	11.88	11.89	11.94	0-1	0.0
	50	28	11.91	11.90	11.98	0	0.0
	50	56	11.97	11.84	11.93	0-1	0.0
	100	0	11.95	11.87	11.93		0.0
DFT-s-OFDM 16QAM	1	1	11.91	11.87	11.97	0-1	0.0
CP-OFDM QPSK	1	1	11.87	11.88	11.89	0-1.5	0.0

Table H-162
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.80	11.80	11.83	0	0.0
	1	40	11.82	11.81	11.85		0.0
	1	77	11.84	11.72	11.89		0.0
	36	0	11.89	11.86	11.95	0-1	0.0
	36	22	11.97	11.93	11.99	0	0.0
	36	43	11.94	11.85	11.89	0-1	0.0
	75	0	11.96	11.88	11.99		0.0
DFT-s-OFDM 16QAM	1	1	11.93	11.88	11.97	0-1	0.0
CP-OFDM QPSK	1	1	11.92	11.76	11.90	0-1.5	0.0

Table H-163
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.90	11.78	11.84	0	0.0
	1	26	11.92	11.82	11.82		0.0
	1	50	11.89	11.68	11.80		0.0
	25	0	11.96	11.87	11.92	0-1	0.0
	25	14	11.98	11.86	11.88	0	0.0
	25	27	11.92	11.80	11.80	0-1	0.0
	50	0	11.92	11.88	11.89		0.0
DFT-s-OFDM 16QAM	1	1	11.91	11.88	11.93	0-1	0.0
CP-OFDM QPSK	1	1	11.91	11.80	11.78	0-1.5	0.0

Table H-164
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.76	11.80	11.79	0	0.0
	1	13	11.73	11.79	11.77		0.0
	1	23	11.78	11.62	11.81		0.0
	12	0	11.86	11.82	11.86	0-1	0.0
	12	7	11.87	11.85	11.86	0	0.0
	12	13	11.80	11.79	11.79	0-1	0.0
	25	0	11.79	11.85	11.86		0.0
DFT-s-OFDM 16QAM	1	1	11.95	11.86	11.94	0-1	0.0
CP-OFDM QPSK	1	1	11.84	11.77	11.84	0-1.5	0.0

Table H-165
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 35 MHz Bandwidth

NR Band n25 35 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.86	0	0.0
	1	94	17.90		0.0
	1	186	17.69		0.0
	90	0	17.91	0-1	0.0
	90	49	17.93	0	0.0
	90	98	17.80	0-1	0.0
	180	0	17.92		0.0
DFT-s-OFDM 16QAM	1	1	17.93	0-1	0.0
CP-OFDM QPSK	1	1	17.95	0-1.5	0.0

Table H-166
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.63	0	0.0
	1	80	17.73		0.0
	1	158	17.56		0.0
	80	0	17.69	0-1	0.0
	80	40	17.75	0	0.0
	80	80	17.72	0-1	0.0
	160	0	17.71		0.0
DFT-s-OFDM 16QAM	1	1	17.90	0-1	0.0
CP-OFDM QPSK	1	1	17.71	0-1.5	0.0

Table H-167
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.65	0	0.0
	1	67	17.55		0.0
	1	131	17.55		0.0
	64	0	17.61	0-1	0.0
	64	35	17.70	0	0.0
	64	69	17.60	0-1	0.0
	128	0	17.64		0.0
DFT-s-OFDM 16QAM	1	1	17.88	0-1	0.0
CP-OFDM QPSK	1	1	17.67	0-1.5	0.0

Table H-168
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.90	17.85	17.94	0	0.0
	1	53	17.91	17.90	17.97		0.0
	1	104	17.91	17.84	17.92		0.0
	50	0	17.90	17.89	18.04	0-1	0.0
	50	28	17.95	17.96	18.03	0	0.0
	50	56	17.96	17.81	17.88	0-1	0.0
	100	0	17.94	17.85	18.06		0.0
DFT-s-OFDM 16QAM	1	1	18.22	17.90	18.16	0-1	0.0
CP-OFDM QPSK	1	1	17.89	17.91	17.96	0-1.5	0.0

Table H-169
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.96	17.63	17.87	0	0.0
	1	40	17.94	17.94	17.96		0.0
	1	77	17.92	17.84	17.93		0.0
	36	0	18.00	17.90	17.95	0-1	0.0
	36	22	17.98	17.91	17.97	0	0.0
	36	43	17.91	17.82	17.84	0-1	0.0
	75	0	18.01	17.91	17.98		0.0
DFT-s-OFDM 16QAM	1	1	18.08	17.88	18.08	0-1	0.0
CP-OFDM QPSK	1	1	17.88	17.84	17.84	0-1.5	0.0

Table H-170
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.90	17.65	17.84	0	0.0
	1	26	17.87	17.85	17.90		0.0
	1	50	17.93	17.85	17.92		0.0
	25	0	17.90	17.88	17.99	0-1	0.0
	25	14	17.99	17.96	18.03	0	0.0
	25	27	17.99	17.82	17.93	0-1	0.0
	50	0	17.94	17.91	18.02		0.0
DFT-s-OFDM 16QAM	1	1	18.25	17.90	18.26	0-1	0.0
CP-OFDM QPSK	1	1	17.90	17.87	17.85	0-1.5	0.0

Table H-171
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.94	17.63	17.84	0	0.0
	1	13	17.90	17.90	17.94		0.0
	1	23	17.86	17.83	17.90		0.0
	12	0	17.97	17.84	17.91	0-1	0.0
	12	7	17.98	17.90	17.97	0	0.0
	12	13	17.94	17.82	17.85	0-1	0.0
	25	0	17.98	17.89	17.94		0.0
DFT-s-OFDM 16QAM	1	1	18.05	17.87	18.05	0-1	0.0
CP-OFDM QPSK	1	1	17.84	17.85	17.83	0-1.5	0.0

H.2.7 NR Band n30 Antenna M1

Table H-172
NR Band n30 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.24	0	0.0
	1	13	22.28		0.0
	1	23	22.16		0.0
	12	0	21.73	0-1	1.0
	12	7	22.30	0	0.0
	12	13	21.79	0-1	1.0
	25	0	21.76		1.0
DFT-s-OFDM 16QAM	1	1	21.58	0-1	1.0
CP-OFDM QPSK	1	1	21.24	0-1.5	1.5

Table H-173
NR Band n30 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	462000 (2310 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	10.03	0	0.0
	1	13	10.07		0.0
	1	23	10.07		0.0
	12	0	10.10	0-1	0.0
	12	7	10.10	0	0.0
	12	13	10.09	0-1	0.0
	25	0	10.13		0.0
DFT-s-OFDM 16QAM	1	1	10.09	0-1	0.0
CP-OFDM QPSK	1	1	10.27	0-1.5	0.0

Table H-174
NR Band n30 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	462000 (2310 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	19.40	0	0.0
	1	13	19.50		0.0
	1	23	19.41		0.0
	12	0	19.44	0-1	0.0
	12	7	19.44	0	0.0
	12	13	19.49	0-1	0.0
	25	0	19.51		0.0
DFT-s-OFDM 16QAM	1	1	19.35	0-1	0.0
CP-OFDM QPSK	1	1	19.48	0-1.5	0.0

H.2.8 NR Band n7 Antenna M1

Table H-175
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.28	0	0.0
	1	80	23.29		0.0
	1	158	23.17		0.0
	80	0	22.76	0-1	0.0
	80	40	23.28	0	0.0
	80	80	22.68	0-1	0.0
	160	0	22.78		0.0
DFT-s-OFDM 16QAM	1	1	22.59	0-1	0.0
CP-OFDM QPSK	1	1	22.31	0-1.5	0.5

Table H-176
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.20	0	0.0
	1	67	23.15		0.0
	1	131	23.05		0.0
	64	0	22.58	0-1	0.0
	64	35	23.15	0	0.0
	64	69	22.60	0-1	0.0
	128	0	22.65		0.0
DFT-s-OFDM 16QAM	1	1	22.52	0-1	0.0
CP-OFDM QPSK	1	1	22.22	0-1.5	0.5

Table H-177
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.59	23.23	23.19	0	0.0
	1	53	23.55	23.18	23.29		0.0
	1	104	23.31	23.16	23.29		0.0
	50	0	23.19	22.70	22.73	0-1	0.0
	50	28	23.56	23.23	23.32	0	0.0
	50	56	23.02	22.65	22.85	0-1	0.0
	100	0	23.12	22.74	22.81		0.0
DFT-s-OFDM 16QAM	1	1	22.96	22.29	22.55	0-1	0.0
CP-OFDM QPSK	1	1	22.52	22.19	22.20	0-1.5	0.5

Table H-178
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.62	23.16	23.24	0	0.0
	1	40	23.47	23.17	23.27		0.0
	1	77	23.31	23.16	23.30		0.0
	36	0	23.15	22.70	22.73	0-1	0.0
	36	22	23.57	23.16	23.32	0	0.0
	36	43	22.98	22.65	22.85	0-1	0.0
	75	0	23.12	22.73	22.86		0.0
DFT-s-OFDM 16QAM	1	1	22.97	22.21	22.55	0-1	0.0
CP-OFDM QPSK	1	1	22.51	22.21	22.23	0-1.5	0.5

Table H-179
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.59	23.21	23.20	0	0.0
	1	26	23.51	23.21	23.20		0.0
	1	50	23.41	23.18	23.20		0.0
	25	0	22.98	22.66	22.68	0-1	0.0
	25	14	23.58	23.20	23.24	0	0.0
	25	27	22.92	22.62	22.68	0-1	0.0
	50	0	22.94	22.70	22.73		0.0
DFT-s-OFDM 16QAM	1	1	22.87	22.28	22.47	0-1	0.0
CP-OFDM QPSK	1	1	22.47	22.12	22.16	0-1.5	0.5

Table H-180
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.66	23.09	23.19	0	0.0
	1	13	23.59	23.07	23.18		0.0
	1	23	23.59	23.09	23.23		0.0
	12	0	23.15	22.65	22.69	0-1	0.0
	12	7	23.63	23.17	23.30	0	0.0
	12	13	23.13	22.60	22.75	0-1	0.0
	25	0	23.13	22.60	22.69		0.0
DFT-s-OFDM 16QAM	1	1	22.89	22.41	22.51	0-1	0.0
CP-OFDM QPSK	1	1	22.51	22.08	22.18	0-1.5	0.5

Table H-181
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.86	0	0.0
	1	80	9.75		0.0
	1	158	9.70		0.0
	80	0	9.79	0-1	0.0
	80	40	9.85	0	0.0
	80	80	9.76	0-1	0.0
	160	0	9.79		0.0
DFT-s-OFDM 16QAM	1	1	10.15	0-1	0.0
CP-OFDM QPSK	1	1	9.95	0-1.5	0.0

Table H-182
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.82	0	0.0
	1	67	9.57		0.0
	1	131	9.74		0.0
	64	0	9.67	0-1	0.0
	64	35	9.70	0	0.0
	64	69	9.58	0-1	0.0
	128	0	9.61		0.0
DFT-s-OFDM 16QAM	1	1	10.15	0-1	0.0
CP-OFDM QPSK	1	1	9.91	0-1.5	0.0

Table H-183
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	10.31	9.91	9.82	0	0.0
	1	53	10.18	9.81	9.90		0.0
	1	104	9.99	9.80	9.93		0.0
	50	0	10.27	9.80	9.92	0-1	0.0
	50	28	10.24	9.86	9.94	0	0.0
	50	56	10.15	9.79	10.02	0-1	0.0
	100	0	10.28	9.85	9.97		0.0
DFT-s-OFDM 16QAM	1	1	10.45	10.13	10.08	0-1	0.0
CP-OFDM QPSK	1	1	10.36	9.98	10.01	0-1.5	0.0

Table H-184
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	10.28	9.83	9.86	0	0.0
	1	40	10.15	9.77	9.88		0.0
	1	77	9.99	9.74	9.94		0.0
	36	0	10.23	9.90	9.93	0-1	0.0
	36	22	10.26	9.86	9.99	0	0.0
	36	43	10.13	9.84	10.07	0-1	0.0
	75	0	10.24	9.87	10.02		0.0
DFT-s-OFDM 16QAM	1	1	10.49	10.04	10.10	0-1	0.0
CP-OFDM QPSK	1	1	10.43	9.86	9.94	0-1.5	0.0

Table H-185
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	10.23	9.80	9.80	0	0.0
	1	26	10.16	9.75	9.86		0.0
	1	50	10.09	9.72	9.86		0.0
	25	0	10.28	9.87	9.93	0-1	0.0
	25	14	10.19	9.77	9.90	0	0.0
	25	27	10.10	9.73	9.94	0-1	0.0
	50	0	10.21	9.83	9.87		0.0
DFT-s-OFDM 16QAM	1	1	10.46	10.01	10.01	0-1	0.0
CP-OFDM QPSK	1	1	10.40	9.76	9.81	0-1.5	0.0

Table H-186
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	10.33	9.76	9.84	0	0.0
	1	13	10.24	9.69	9.84		0.0
	1	23	10.23	9.74	9.90		0.0
	12	0	10.37	9.81	9.87	0-1	0.0
	12	7	10.37	9.78	9.94	0	0.0
	12	13	10.31	9.80	9.88	0-1	0.0
	25	0	10.33	9.71	9.93		0.0
DFT-s-OFDM 16QAM	1	1	10.49	9.98	10.06	0-1	0.0
CP-OFDM QPSK	1	1	10.40	9.88	9.88	0-1.5	0.0

Table H-187
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.90	0	0.0
	1	80	18.81		0.0
	1	158	18.75		0.0
	80	0	18.84	0-1	0.0
	80	40	18.84	0	0.0
	80	80	18.77	0-1	0.0
	160	0	18.87		0.0
DFT-s-OFDM 16QAM	1	1	19.21	0-1	0.0
CP-OFDM QPSK	1	1	18.96	0-1.5	0.0

Table H-188
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.86	0	0.0
	1	67	18.72		0.0
	1	131	18.73		0.0
	64	0	18.67	0-1	0.0
	64	35	18.71	0	0.0
	64	69	18.65	0-1	0.0
	128	0	18.70		0.0
DFT-s-OFDM 16QAM	1	1	19.18	0-1	0.0
CP-OFDM QPSK	1	1	18.89	0-1.5	0.0

Table H-189
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.38	18.97	18.90	0	0.0
	1	53	19.30	18.93	19.00		0.0
	1	104	19.07	18.89	19.04		0.0
	50	0	19.42	18.97	19.02	0-1	0.0
	50	28	19.33	18.97	19.03	0	0.0
	50	56	19.24	18.96	19.12	0-1	0.0
	100	0	19.38	18.90	19.09		0.0
DFT-s-OFDM 16QAM	1	1	19.71	19.27	19.27	0-1	0.0
CP-OFDM QPSK	1	1	19.36	19.06	18.96	0-1.5	0.0

Table H-190
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.37	18.96	18.95	0	0.0
	1	40	19.24	18.87	18.98		0.0
	1	77	19.16	18.86	19.06		0.0
	36	0	19.35	19.00	19.02	0-1	0.0
	36	22	19.32	18.89	19.07	0	0.0
	36	43	19.25	18.95	19.09	0-1	0.0
	75	0	19.32	18.90	19.05		0.0
DFT-s-OFDM 16QAM	1	1	19.59	19.20	19.31	0-1	0.0
CP-OFDM QPSK	1	1	19.34	19.13	19.04	0-1.5	0.0

Table H-191
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.32	18.92	18.90	0	0.0
	1	26	19.26	18.87	18.98		0.0
	1	50	19.16	18.80	18.90		0.0
	25	0	19.31	18.91	18.94	0-1	0.0
	25	14	19.30	18.89	18.97	0	0.0
	25	27	19.20	18.82	18.96	0-1	0.0
	50	0	19.34	18.87	18.99		0.0
DFT-s-OFDM 16QAM	1	1	19.61	19.21	19.19	0-1	0.0
CP-OFDM QPSK	1	1	19.35	18.92	18.99	0-1.5	0.0

Table H-192
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.40	18.84	18.88	0	0.0
	1	13	19.30	18.78	18.91		0.0
	1	23	19.26	18.84	18.96		0.0
	12	0	19.47	18.91	19.02	0-1	0.0
	12	7	19.42	18.88	19.01	0	0.0
	12	13	19.39	18.80	18.97	0-1	0.0
	25	0	19.44	18.88	18.98		0.0
DFT-s-OFDM 16QAM	1	1	19.62	19.07	19.11	0-1	0.0
CP-OFDM QPSK	1	1	19.40	18.89	19.12	0-1.5	0.0

H.2.9 NR Band n41 Antenna M1

Table H-193
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.48	18.37	0	0.0
	1	123	18.86	18.69		0.0
	1	243	18.47	18.71		0.0
	120	0	18.65	18.64	0-1	0.0
	120	63	18.89	18.74	0	0.0
	120	125	18.77	18.75	0-1	0.0
	243	0	18.72	18.69		0.0
DFT-s-OFDM 16QAM	1	1	18.44	18.39	0-1	0.0
CP-OFDM QPSK	1	1	18.52	18.39	0-1.5	0.0

Table H-194
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.62	18.58	0	0.0
	1	109	18.87	18.77		0.0
	1	215	18.62	18.70		0.0
	108	0	18.67	18.71	0-1	0.0
	108	55	18.89	18.86	0	0.0
	108	109	18.79	18.75	0-1	0.0
	216	0	18.73	18.71		0.0
DFT-s-OFDM 16QAM	1	1	18.65	18.44	0-1	0.0
CP-OFDM QPSK	1	1	18.72	18.64	0-1.5	0.0

Table H-195
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.64	18.59	0	0.0
	1	95	18.80	18.80		0.0
	1	187	18.78	18.81		0.0
	90	0	18.76	18.79	0-1	0.0
	90	50	18.97	18.88	0	0.0
	90	99	18.96	18.75	0-1	0.0
	180	0	18.82	18.81		0.0
DFT-s-OFDM 16QAM	1	1	18.55	18.67	0-1	0.0
CP-OFDM QPSK	1	1	18.68	18.65	0-1.5	0.0

Table H-196
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	18.75	18.67	18.74	0	0.0
	1	81	18.94	18.58	18.77		0.0
	1	160	18.77	18.65	18.74		0.0
	81	0	18.68	18.72	18.95	0-1	0.0
	81	41	18.99	18.73	18.94	0	0.0
	81	81	18.96	18.73	18.71	0-1	0.0
	162	0	18.89	18.78	18.80		0.0
DFT-s-OFDM 16QAM	1	1	18.69	18.80	18.74	0-1	0.0
CP-OFDM QPSK	1	1	18.67	18.73	18.73	0-1.5	0.0

Table H-197
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	18.71	18.77	18.77	0	0.0
	1	67	18.86	18.61	18.74		0.0
	1	131	18.98	18.59	18.88		0.0
	64	0	18.80	18.67	18.92	0-1	0.0
	64	35	18.96	18.74	18.91	0	0.0
	64	69	18.99	18.79	18.84	0-1	0.0
	128	0	18.86	18.71	18.94		0.0
DFT-s-OFDM 16QAM	1	1	18.85	18.77	18.79	0-1	0.0
CP-OFDM QPSK	1	1	18.74	18.62	18.89	0-1.5	0.0

Table H-198
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	18.77	18.97	18.54	18.75	0	0.0
	1	53	18.88	18.83	18.58	18.77		0.0
	1	104	18.97	18.64	18.80	18.79		0.0
	50	0	18.80	18.98	18.69	18.85	0-1	0.0
	50	28	18.89	18.92	18.80	18.88	0	0.0
	50	56	18.98	18.79	18.83	18.77	0-1	0.0
	100	0	18.84	18.87	18.79	18.90		0.0
DFT-s-OFDM 16QAM	1	1	18.79	18.93	18.65	18.99	0-1	0.0
CP-OFDM QPSK	1	1	18.65	18.92	18.57	18.83	0-1.5	0.0

Table H-199
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.74	18.99	18.67	18.75	18.83	0	0.0
	1	39	18.97	19.00	18.71	18.79	18.81		0.0
	1	76	18.84	18.74	18.63	18.82	18.87		0.0
	36	0	18.85	18.99	18.73	18.83	18.86	0-1	0.0
	36	21	18.95	18.98	18.70	18.89	18.84	0	0.0
	36	42	18.96	18.96	18.76	18.95	18.83	0-1	0.0
	75	0	18.89	18.98	18.70	18.89	18.90		0.0
DFT-s-OFDM 16QAM	1	1	18.70	18.94	18.57	18.71	18.85	0-1	0.0
CP-OFDM QPSK	1	1	18.75	18.95	18.84	18.67	18.93	0-1.5	0.0

Table H-200
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.80	18.82	18.81	18.72	18.71	0	0.0
	1	26	18.92	18.82	18.76	18.90	18.84		0.0
	1	49	18.88	18.85	18.63	18.78	18.88		0.0
	25	0	18.72	18.98	18.78	18.92	18.88	0-1	0.0
	25	13	18.81	18.86	18.81	18.98	18.87	0	0.0
	25	26	18.96	18.85	18.80	18.98	18.91	0-1	0.0
	50	0	18.89	18.97	18.84	18.95	18.88		0.0
DFT-s-OFDM 16QAM	1	1	18.83	18.96	18.69	18.81	18.86	0-1	0.0
CP-OFDM QPSK	1	1	18.79	18.97	18.65	18.72	18.84	0-1.5	0.0

Table H-201
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.69	18.75	18.52	18.58	18.76	0	0.0
	1	19	18.81	18.70	18.67	18.74	18.81		0.0
	1	36	18.78	18.85	18.64	18.58	18.89		0.0
	18	0	18.60	18.91	18.69	18.77	18.85	0-1	0.0
	18	10	18.73	18.79	18.72	18.78	18.86	0	0.0
	18	20	18.83	18.85	18.71	18.76	18.72	0-1	0.0
	36	0	18.72	18.93	18.73	18.79	18.69		0.0
DFT-s-OFDM 16QAM	1	1	18.63	18.89	18.58	18.63	18.84	0-1	0.0
CP-OFDM QPSK	1	1	18.65	18.75	18.57	18.50	18.83	0-1.5	0.0

Table H-202
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.64	18.77	18.56	18.46	18.73	0	0.0
	1	12	18.78	18.66	18.66	18.67	18.82		0.0
	1	22	18.76	18.83	18.69	18.49	18.92		0.0
	12	0	18.62	18.89	18.65	18.69	18.87	0-1	0.0
	12	6	18.71	18.73	18.74	18.68	18.83	0	0.0
	12	12	18.85	18.80	18.70	18.67	18.76	0-1	0.0
	24	0	18.72	18.85	18.74	18.69	18.73		0.0
DFT-s-OFDM 16QAM	1	1	18.60	18.83	18.60	18.60	18.87	0-1	0.0
CP-OFDM QPSK	1	1	18.61	18.76	18.62	18.46	18.84	0-1.5	0.0

Table H-203
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	11.49	11.01	0	0.0
	1	123	11.07	11.63		0.0
	1	243	10.95	11.31		0.0
	120	0	11.22	11.41	0-1	0.0
	120	63	11.20	11.57	0	0.0
	120	125	11.04	11.46	0-1	0.0
	243	0	11.16	11.44		0.0
DFT-s-OFDM 16QAM	1	1	11.28	10.82	0-1	0.0
CP-OFDM QPSK	1	1	11.53	11.07	0-1.5	0.0

Table H-204
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	11.54	11.18	0	0.0
	1	109	11.14	11.58		0.0
	1	215	10.94	11.37		0.0
	108	0	11.28	11.45	0-1	0.0
	108	55	11.23	11.56	0	0.0
	108	109	11.07	11.41	0-1	0.0
	216	0	11.21	11.47		0.0
DFT-s-OFDM 16QAM	1	1	11.32	10.93	0-1	0.0
CP-OFDM QPSK	1	1	11.54	11.19	0-1.5	0.0

Table H-205
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	11.51	11.29	0	0.0
	1	95	11.21	11.52		0.0
	1	187	11.04	11.29		0.0
	90	0	11.38	11.60	0-1	0.0
	90	50	11.24	11.59	0	0.0
	90	99	11.09	11.45	0-1	0.0
	180	0	11.26	11.55		0.0
DFT-s-OFDM 16QAM	1	1	11.32	11.12	0-1	0.0
CP-OFDM QPSK	1	1	11.56	11.38	0-1.5	0.0

Table H-206
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.43	10.97	11.39	0	0.0
	1	81	11.27	11.04	11.48		0.0
	1	160	10.95	11.24	11.20		0.0
	81	0	11.22	11.01	11.54	0-1	0.0
	81	41	11.30	11.14	11.53	0	0.0
	81	81	11.09	11.24	11.27	0-1	0.0
	162	0	11.16	11.11	11.43		0.0
DFT-s-OFDM 16QAM	1	1	11.17	10.70	11.19	0-1	0.0
CP-OFDM QPSK	1	1	11.50	10.99	11.42	0-1.5	0.0

Table H-207
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.49	10.97	11.51	0	0.0
	1	67	11.34	11.09	11.42		0.0
	1	131	11.02	11.24	11.26		0.0
	64	0	11.32	11.05	11.52	0-1	0.0
	64	35	11.33	11.17	11.48	0	0.0
	64	69	11.22	11.20	11.30	0-1	0.0
	128	0	11.36	11.16	11.44		0.0
DFT-s-OFDM 16QAM	1	1	11.21	10.80	11.30	0-1	0.0
CP-OFDM QPSK	1	1	11.64	11.01	11.57	0-1.5	0.0

Table H-208
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	11.51	11.00	11.13	11.55	0	0.0
	1	53	11.34	11.04	11.40	11.45		0.0
	1	104	11.14	10.99	11.59	11.28		0.0
	50	0	11.36	11.07	11.26	11.55	0-1	0.0
	50	28	11.39	11.10	11.42	11.47	0	0.0
	50	56	11.29	11.09	11.50	11.30	0-1	0.0
	100	0	11.36	11.10	11.37	11.46		0.0
DFT-s-OFDM 16QAM	1	1	11.27	10.72	10.90	11.36	0-1	0.0
CP-OFDM QPSK	1	1	11.56	11.06	11.14	11.67	0-1.5	0.0

Table H-209
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	11.55	11.11	11.10	11.38	11.41	0	0.0
	1	39	11.49	11.14	11.16	11.61	11.39		0.0
	1	76	11.29	11.10	11.29	11.56	11.34		0.0
	36	0	11.51	11.19	11.11	11.55	11.45	0-1	0.0
	36	21	11.52	11.22	11.17	11.67	11.43	0	0.0
	36	42	11.44	11.20	11.24	11.65	11.36	0-1	0.0
	75	0	11.49	11.18	11.16	11.59	11.43		0.0
DFT-s-OFDM 16QAM	1	1	11.29	10.85	10.82	11.15	11.25	0-1	0.0
CP-OFDM QPSK	1	1	11.65	11.19	11.06	11.40	11.52	0-1.5	0.0

Table H-210
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	11.63	11.15	11.12	11.55	11.48	0	0.0
	1	26	11.51	11.09	11.10	11.63	11.36		0.0
	1	49	11.38	11.18	11.15	11.72	11.39		0.0
	25	0	11.51	11.10	11.12	11.65	11.46	0-1	0.0
	25	13	11.57	11.16	11.17	11.72	11.42	0	0.0
	25	26	11.57	11.14	11.27	11.69	11.35	0-1	0.0
	50	0	11.58	11.18	11.18	11.68	11.46		0.0
DFT-s-OFDM 16QAM	1	1	11.32	10.89	10.90	11.30	11.23	0-1	0.0
CP-OFDM QPSK	1	1	11.63	11.18	11.11	11.69	11.51	0-1.5	0.0

Table H-211
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	11.67	11.36	11.53	11.47	11.36	0	0.0
	1	19	11.53	11.21	11.32	11.56	11.27		0.0
	1	36	11.40	11.29	11.36	11.65	11.28		0.0
	18	0	11.53	11.23	11.32	11.59	11.36	0-1	0.0
	18	10	11.56	11.27	11.37	11.67	11.32	0	0.0
	18	20	11.58	11.25	11.46	11.61	11.25	0-1	0.0
	36	0	11.57	11.27	11.38	11.60	11.37		0.0
DFT-s-OFDM 16QAM	1	1	11.36	11.01	11.11	11.24	11.14	0-1	0.0
CP-OFDM QPSK	1	1	11.60	11.30	11.23	11.62	11.40	0-1.5	0.0

Table H-212
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	11.59	11.46	11.50	11.46	11.48	0	0.0
	1	12	11.48	11.31	11.46	11.58	11.33		0.0
	1	22	11.37	11.39	11.42	11.60	11.35		0.0
	12	0	11.46	11.33	11.43	11.57	11.42	0-1	0.0
	12	6	11.59	11.30	11.48	11.66	11.38	0	0.0
	12	12	11.52	11.31	11.53	11.63	11.35	0-1	0.0
	24	0	11.51	11.36	11.47	11.55	11.44		0.0
DFT-s-OFDM 16QAM	1	1	11.28	11.11	11.19	11.23	11.23	0-1	0.0
CP-OFDM QPSK	1	1	11.52	11.31	11.29	11.55	11.49	0-1.5	0.0

H.2.10 NR Band n41 SRS Antennas S2, S4, & S1

Table H-213
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
	Channel	
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	16.40	16.47
SRS #3 Ant S4	17.38	17.41
SRS #4 Ant S1	14.54	14.39

Table H-214
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
	Channel	
Antenna	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	16.34	16.21
SRS #3 Ant S4	17.44	17.42
SRS #4 Ant S1	14.30	14.16

Table H-215
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
	Channel	
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	16.26	16.30
SRS #3 Ant S4	17.58	17.32
SRS #4 Ant S1	14.18	13.88

Table H-216
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth			
	Channel		
Antenna	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant S2	16.29	15.85	15.69
SRS #3 Ant S4	17.74	17.19	17.39
SRS #4 Ant S1	13.95	13.94	13.28

Table H-217
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth			
	Channel		
Antenna	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant S2	16.40	16.10	15.87
SRS #3 Ant S4	17.81	17.27	17.45
SRS #4 Ant S1	13.82	13.78	13.51

Table H-218
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth				
	Channel			
Antenna	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	16.34	16.86	16.64	16.20
SRS #3 Ant S4	17.95	17.27	17.22	17.52
SRS #4 Ant S1	13.57	14.91	14.45	13.70

Table H-219
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth					
	Channel				
Antenna	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	16.42	16.52	15.74	16.50	15.92
SRS #3 Ant S4	18.05	17.29	17.18	17.26	17.53
SRS #4 Ant S1	13.45	14.90	13.87	14.75	13.91

Table H-220
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth					
	Channel				
Antenna	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	16.49	16.49	15.88	16.78	16.59
SRS #3 Ant S4	18.22	17.34	17.22	17.40	17.65
SRS #4 Ant S1	13.40	14.85	14.00	14.68	14.10

Table H-221
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
	Channel				
Antenna	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	16.64	16.70	15.92	16.68	16.79
SRS #3 Ant S4	18.38	17.58	17.43	17.54	17.71
SRS #4 Ant S1	13.41	14.87	14.02	14.61	14.01

Table H-222
NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
	Channel				
Antenna	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	16.60	16.65	15.90	16.71	16.51
SRS #3 Ant S4	18.36	17.60	17.36	17.63	17.67
SRS #4 Ant S1	13.30	14.75	13.75	14.52	14.10

Table H-223
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
	Channel	
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	11.17	11.02
SRS #3 Ant S4	11.18	11.24
SRS #4 Ant S1	11.19	10.95

Table H-224
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
	Channel	
Antenna	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	11.30	11.02
SRS #3 Ant S4	11.31	11.20
SRS #4 Ant S1	11.38	10.94

Table H-225
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
	Channel	
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	11.33	11.02
SRS #3 Ant S4	11.40	11.21
SRS #4 Ant S1	11.36	10.92

Table H-226
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth			
	Channel		
Antenna	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant S2	11.42	10.89	10.95
SRS #3 Ant S4	11.43	10.80	11.13
SRS #4 Ant S1	11.33	11.06	10.82

Table H-227
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth			
	Channel		
Antenna	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant S2	11.48	10.88	10.88
SRS #3 Ant S4	11.54	10.76	11.10
SRS #4 Ant S1	11.40	11.02	10.76

Table H-228
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth				
	Channel			
Antenna	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	11.57	11.17	10.95	10.92
SRS #3 Ant S4	11.64	11.09	10.96	11.14
SRS #4 Ant S1	11.50	11.22	10.99	10.72

Table H-229
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth					
	Channel				
Antenna	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	11.59	11.33	10.99	11.13	10.86
SRS #3 Ant S4	11.72	11.16	10.77	11.11	11.09
SRS #4 Ant S1	11.50	11.32	11.04	11.02	10.71

Table H-230
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth					
	Channel				
Antenna	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	11.74	11.29	10.90	11.07	10.89
SRS #3 Ant S4	11.89	11.17	10.86	11.17	11.13
SRS #4 Ant S1	11.49	11.30	11.12	11.07	10.68

Table H-231
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
	Channel				
Antenna	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	10.55	10.68	11.39	11.38	11.40
SRS #3 Ant S4	11.72	11.05	10.97	11.09	11.24
SRS #4 Ant S1	11.07	10.85	11.09	11.06	11.41

Table H-232
NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
	Channel				
Antenna	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	10.56	10.65	11.20	11.13	11.48
SRS #3 Ant S4	11.71	10.80	10.59	10.78	10.89
SRS #4 Ant S1	11.12	10.79	11.07	11.03	11.44

H.2.11 NR Band n48 Antenna S4

Table H-233
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	17.31	17.82	17.77	17.11	0	0.0
	1	39	17.23	17.93	17.40	17.11		0.0
	1	76	17.19	17.83	17.18	17.23		0.0
	36	0	17.36	17.94	17.62	17.21	0-1	0.0
	36	21	17.34	17.88	17.46	17.23	0	0.0
	36	42	17.21	17.96	17.37	17.18	0-1	0.0
	75	0	17.25	17.87	17.48	17.24		0.0
DFT-s-OFDM 16QAM	1	1	17.25	17.92	17.70	17.24	0-1	0.0
CP-OFDM QPSK	1	1	17.27	17.81	17.65	17.19	0-1.5	0.0

Table H-234
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	17.50	17.77	17.65	17.36	0	0.0
	1	26	17.53	17.71	17.32	17.40		0.0
	1	49	17.48	17.51	17.42	17.12		0.0
	25	0	17.61	17.77	17.50	17.46	0-1	0.0
	25	13	17.67	17.77	17.48	17.44	0	0.0
	25	26	17.55	17.76	17.44	17.33	0-1	0.0
	50	0	17.66	17.75	17.52	17.36		0.0
DFT-s-OFDM 16QAM	1	1	17.65	17.77	17.62	17.33	0-1	0.0
CP-OFDM QPSK	1	1	17.75	17.75	17.60	17.38	0-1.5	0.0

Table H-235
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	17.16	17.53	17.67	17.79	0	0.0
	1	19	17.40	17.63	17.78	17.74		0.0
	1	36	17.43	17.69	17.65	17.61		0.0
	18	0	17.35	17.56	17.76	17.73	0-1	0.0
	18	10	17.39	17.63	17.82	17.72	0	0.0
	18	20	17.45	17.65	17.75	17.70	0-1	0.0
	36	0	17.38	17.54	17.77	17.72		0.0
DFT-s-OFDM 16QAM	1	1	17.02	17.29	17.39	17.49	0-1	0.0
CP-OFDM QPSK	1	1	17.12	17.60	17.67	17.64	0-1.5	0.0

Table H-236
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	17.68	17.34	17.36	17.12	0	0.0
	1	12	17.46	17.46	17.39	17.02		0.0
	1	22	17.53	17.55	17.40	17.14		0.0
	12	0	17.69	17.45	17.33	17.11	0-1	0.0
	12	6	17.63	17.48	17.35	17.08	0	0.0
	12	12	17.60	17.49	17.32	17.10	0-1	0.0
	24	0	17.61	17.48	17.33	17.01		0.0
DFT-s-OFDM 16QAM	1	1	17.69	17.43	17.22	16.83	0-1	0.0
CP-OFDM QPSK	1	1	17.64	17.33	17.52	17.21	0-1.5	0.0

Table H-237
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	9.91	10.53	10.62	10.21	0	0.0
	1	39	9.84	10.57	10.55	10.29		0.0
	1	76	9.89	10.49	10.49	10.39		0.0
	36	0	9.96	10.58	10.66	10.37	0-1	0.0
	36	21	9.94	10.65	10.67	10.33	0	0.0
	36	42	9.93	10.62	10.67	10.38	0-1	0.0
	75	0	9.98	10.59	10.66	10.35		0.0
DFT-s-OFDM 16QAM	1	1	9.61	10.23	10.33	10.12	0-1	0.0
CP-OFDM QPSK	1	1	9.91	10.51	10.63	10.32	0-1.5	0.0

Table H-238
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	10.10	10.30	10.54	10.55	0	0.0
	1	26	10.11	10.46	10.62	10.44		0.0
	1	49	10.21	10.43	10.53	10.34		0.0
	25	0	10.24	10.30	10.60	10.69	0-1	0.0
	25	13	10.23	10.45	10.60	10.64	0	0.0
	25	26	10.23	10.38	10.57	10.55	0-1	0.0
	50	0	10.24	10.38	10.68	10.64		0.0
DFT-s-OFDM 16QAM	1	1	9.88	10.25	10.32	10.36	0-1	0.0
CP-OFDM QPSK	1	1	10.23	10.41	10.51	10.65	0-1.5	0.0

Table H-239
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	10.01	10.12	10.52	10.53	0	0.0
	1	19	10.16	10.14	10.61	10.54		0.0
	1	36	10.18	10.20	10.60	10.40		0.0
	18	0	10.06	10.08	10.62	10.52	0-1	0.0
	18	10	10.12	10.22	10.68	10.60	0	0.0
	18	20	10.21	10.24	10.58	10.50	0-1	0.0
	36	0	10.14	10.19	10.60	10.58		0.0
DFT-s-OFDM 16QAM	1	1	9.75	9.81	10.28	10.34	0-1	0.0
CP-OFDM QPSK	1	1	10.04	10.03	10.48	10.62	0-1.5	0.0

Table H-240
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	10.29	10.06	10.50	10.17	0	0.0
	1	12	10.22	10.29	10.69	10.35		0.0
	1	22	10.22	10.27	10.69	10.38		0.0
	12	0	10.36	10.23	10.70	10.33	0-1	0.0
	12	6	10.40	10.31	10.73	10.34	0	0.0
	12	12	10.31	10.30	10.68	10.25	0-1	0.0
	24	0	10.34	10.26	10.62	10.29		0.0
DFT-s-OFDM 16QAM	1	1	9.99	9.89	10.31	10.13	0-1	0.0
CP-OFDM QPSK	1	1	10.34	10.26	10.61	10.60	0-1.5	0.0

H.2.12 NR Band n48 SRS Antennas S2, M2, & S3

Table H-241
NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
	Channel			
Antenna	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	12.47	13.46	13.98	13.59
SRS #3 Ant M2	13.30	13.65	14.16	14.30
SRS #4 Ant S3	16.01	16.83	17.02	16.62

Table H-242
NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
	Channel			
Antenna	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	12.35	13.27	13.87	13.59
SRS #3 Ant M2	13.31	13.64	14.29	14.33
SRS #4 Ant S3	16.13	16.92	17.18	16.78

Table H-243
NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
	Channel			
Antenna	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	12.33	13.29	13.91	13.51
SRS #3 Ant M2	13.24	13.65	14.27	14.35
SRS #4 Ant S3	15.90	16.28	16.81	16.63

Table H-244
NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
	Channel			
Antenna	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	12.20	13.26	13.89	13.52
SRS #3 Ant M2	13.19	13.62	14.25	14.22
SRS #4 Ant S3	16.22	16.26	16.78	16.53

Table H-245
NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
	Channel			
Antenna	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	8.98	10.03	10.43	9.93
SRS #3 Ant M2	6.79	7.14	7.60	7.73
SRS #4 Ant S3	9.43	10.33	10.45	10.11

Table H-246
NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
	Channel			
Antenna	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	8.89	9.92	10.31	9.90
SRS #3 Ant M2	6.77	7.11	7.73	7.78
SRS #4 Ant S3	9.70	10.11	10.38	10.43

Table H-247
NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
	Channel			
Antenna	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	8.80	9.94	10.37	9.76
SRS #3 Ant M2	6.72	7.12	7.73	7.78
SRS #4 Ant S3	9.45	9.90	10.41	10.26

Table H-248
NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
	Channel			
Antenna	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	8.75	9.87	10.33	9.80
SRS #3 Ant M2	6.68	7.07	7.74	7.68
SRS #4 Ant S3	9.84	9.78	10.32	9.98

H.2.13 NR Band n77 Antenna M2

Table H-249
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.20	17.49	0	0.0
	1	123	18.92	17.59		0.0
	1	243	18.57	17.61		0.0
	120	0	18.55	17.53	0-1	0.0
	120	63	18.73	17.67	0	0.0
	120	125	18.61	17.73	0-1	0.0
	243	0	18.62	17.67		0.0
DFT-s-OFDM 16QAM	1	1	18.30	17.54	0-1	0.0
CP-OFDM QPSK	1	1	18.24	17.62	0-1.5	0.0

Table H-250
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.35	17.60	0	0.0
	1	109	19.00	17.69		0.0
	1	215	18.50	17.81		0.0
	108	0	18.60	17.60	0-1	0.0
	108	55	18.81	17.69	0	0.0
	108	109	18.67	17.73	0-1	0.0
	216	0	18.70	17.68		0.0
DFT-s-OFDM 16QAM	1	1	18.27	17.68	0-1	0.0
CP-OFDM QPSK	1	1	18.37	17.58	0-1.5	0.0

Table H-251
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.47	17.48	0	0.0
	1	95	18.83	17.78		0.0
	1	187	18.58	17.82		0.0
	90	0	18.65	17.62	0-1	0.0
	90	50	18.86	17.67	0	0.0
	90	99	18.75	17.80	0-1	0.0
	180	0	18.80	17.74		0.0
DFT-s-OFDM 16QAM	1	1	18.25	17.48	0-1	0.0
CP-OFDM QPSK	1	1	18.42	17.50	0-1.5	0.0

Table H-252
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.57	17.45	0	0.0
	1	81	18.98	17.83		0.0
	1	160	18.63	17.82		0.0
	81	0	18.78	17.59	0-1	0.0
	81	41	18.88	17.78	0	0.0
	81	81	18.73	17.49	0-1	0.0
	162	0	18.78	17.58		0.0
DFT-s-OFDM 16QAM	1	1	18.26	17.35	0-1	0.0
CP-OFDM QPSK	1	1	18.55	17.25	0-1.5	0.0

Table H-253
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.55	17.59	0	0.0
	1	67	18.94	17.90		0.0
	1	131	18.84	17.94		0.0
	64	0	18.80	17.72	0-1	0.0
	64	35	18.90	17.86	0	0.0
	64	69	18.83	17.88	0-1	0.0
	128	0	18.90	17.87		0.0
DFT-s-OFDM 16QAM	1	1	18.29	17.63	0-1	0.0
CP-OFDM QPSK	1	1	18.55	17.57	0-1.5	0.0

Table H-254
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.48	17.72	0	0.0
	1	53	18.88	17.86		0.0
	1	104	18.93	17.96		0.0
	50	0	18.90	17.75	0-1	0.0
	50	28	18.99	17.89	0	0.0
	50	56	18.90	17.90	0-1	0.0
	100	0	18.88	17.85		0.0
DFT-s-OFDM 16QAM	1	1	18.27	17.66	0-1	0.0
CP-OFDM QPSK	1	1	18.52	17.73	0-1.5	0.0

Table H-255
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.67	17.61	0	0.0
	1	39	18.93	17.79		0.0
	1	76	18.95	18.11		0.0
	36	0	18.93	17.83	0-1	0.0
	36	21	18.90	17.94	0	0.0
	36	42	18.92	17.92	0-1	0.0
	75	0	18.94	17.88		0.0
DFT-s-OFDM 16QAM	1	1	18.28	17.51	0-1	0.0
CP-OFDM QPSK	1	1	18.43	17.75	0-1.5	0.0

Table H-256
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.53	17.86	0	0.0
	1	26	18.78	18.00		0.0
	1	49	18.53	17.93		0.0
	25	0	18.55	17.87	0-1	0.0
	25	13	18.60	17.96	0	0.0
	25	26	18.63	17.93	0-1	0.0
	50	0	18.62	17.89		0.0
DFT-s-OFDM 16QAM	1	1	18.28	17.67	0-1	0.0
CP-OFDM QPSK	1	1	18.41	17.70	0-1.5	0.0

Table H-257
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.40	17.79	0	0.0
	1	19	18.66	17.79		0.0
	1	36	18.37	17.94		0.0
	18	0	18.37	17.88	0-1	0.0
	18	10	18.43	17.80	0	0.0
	18	20	18.46	17.76	0-1	0.0
	36	0	18.42	17.82		0.0
DFT-s-OFDM 16QAM	1	1	18.24	17.77	0-1	0.0
CP-OFDM QPSK	1	1	18.30	17.68	0-1.5	0.0

Table H-258
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.19	17.64	0	0.0
	1	12	18.48	17.57		0.0
	1	22	18.19	17.54		0.0
	12	0	18.32	17.65	0-1	0.0
	12	6	18.35	17.61	0	0.0
	12	12	18.31	17.60	0-1	0.0
	24	0	18.24	17.56		0.0
DFT-s-OFDM 16QAM	1	1	18.08	17.25	0-1	0.0
CP-OFDM QPSK	1	1	18.09	17.54	0-1.5	0.0

Table H-259
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.27	8.44	0	0.0
	1	123	9.87	8.62		0.0
	1	243	9.48	8.69		0.0
	120	0	9.66	8.41	0-1	0.0
	120	63	9.75	8.61	0	0.0
	120	125	9.68	8.67	0-1	0.0
	243	0	9.72	8.58		0.0
DFT-s-OFDM 16QAM	1	1	9.24	8.39	0-1	0.0
CP-OFDM QPSK	1	1	9.42	8.27	0-1.5	0.0

Table H-260
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.25	8.26	0	0.0
	1	109	9.82	8.54		0.0
	1	215	9.47	8.50		0.0
	108	0	9.63	8.35	0-1	0.0
	108	55	9.82	8.52	0	0.0
	108	109	9.72	8.54	0-1	0.0
	216	0	9.66	8.44		0.0
DFT-s-OFDM 16QAM	1	1	8.87	8.02	0-1	0.0
CP-OFDM QPSK	1	1	9.58	8.25	0-1.5	0.0

Table H-261
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.21	8.19	0	0.0
	1	95	9.83	8.52		0.0
	1	187	9.55	8.56		0.0
	90	0	9.62	8.37	0-1	0.0
	90	50	9.83	8.53	0	0.0
	90	99	9.79	8.55	0-1	0.0
	180	0	9.63	8.44		0.0
DFT-s-OFDM 16QAM	1	1	9.10	8.07	0-1	0.0
CP-OFDM QPSK	1	1	9.37	8.08	0-1.5	0.0

Table H-262
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.38	8.22	0	0.0
	1	81	9.89	8.64		0.0
	1	160	9.73	8.51		0.0
	81	0	9.65	8.56	0-1	0.0
	81	41	9.91	8.61	0	0.0
	81	81	9.81	8.61	0-1	0.0
	162	0	9.82	8.53		0.0
DFT-s-OFDM 16QAM	1	1	9.27	8.13	0-1	0.0
CP-OFDM QPSK	1	1	9.47	8.38	0-1.5	0.0

Table H-263
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.50	8.49	0	0.0
	1	67	9.87	8.63		0.0
	1	131	9.68	8.72		0.0
	64	0	9.75	8.47	0-1	0.0
	64	35	9.88	8.66	0	0.0
	64	69	9.83	8.61	0-1	0.0
	128	0	9.78	8.59		0.0
DFT-s-OFDM 16QAM	1	1	9.22	8.07	0-1	0.0
CP-OFDM QPSK	1	1	9.64	8.29	0-1.5	0.0

Table H-264
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.56	8.49	0	0.0
	1	53	9.92	8.59		0.0
	1	104	9.83	8.60		0.0
	50	0	9.73	8.45	0-1	0.0
	50	28	9.78	8.58	0	0.0
	50	56	9.72	8.57	0-1	0.0
	100	0	9.80	8.54		0.0
DFT-s-OFDM 16QAM	1	1	9.23	8.28	0-1	0.0
CP-OFDM QPSK	1	1	9.47	8.40	0-1.5	0.0

Table H-265
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.38	8.49	0	0.0
	1	39	9.76	8.53		0.0
	1	76	9.93	8.51		0.0
	36	0	9.68	8.48	0-1	0.0
	36	21	9.78	8.62	0	0.0
	36	42	9.79	8.61	0-1	0.0
	75	0	9.74	8.59		0.0
DFT-s-OFDM 16QAM	1	1	8.98	8.03	0-1	0.0
CP-OFDM QPSK	1	1	9.45	8.58	0-1.5	0.0

Table H-266
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.49	8.69	0	0.0
	1	26	9.80	8.80		0.0
	1	49	9.77	8.72		0.0
	25	0	9.78	8.70	0-1	0.0
	25	13	9.79	8.79	0	0.0
	25	26	9.77	8.73	0-1	0.0
	50	0	9.78	8.75		0.0
DFT-s-OFDM 16QAM	1	1	9.19	8.41	0-1	0.0
CP-OFDM QPSK	1	1	9.62	9.05	0-1.5	0.0

Table H-267
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.42	8.65	0	0.0
	1	19	9.64	8.72		0.0
	1	36	9.59	8.57		0.0
	18	0	9.52	8.69	0-1	0.0
	18	10	9.53	8.71	0	0.0
	18	20	9.49	8.65	0-1	0.0
	36	0	9.54	8.72		0.0
DFT-s-OFDM 16QAM	1	1	9.24	8.37	0-1	0.0
CP-OFDM QPSK	1	1	9.61	8.49	0-1.5	0.0

Table H-268
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.03	8.69	0	0.0
	1	12	9.48	8.50		0.0
	1	22	9.22	8.59		0.0
	12	0	9.17	8.68	0-1	0.0
	12	6	9.34	8.71	0	0.0
	12	12	9.26	8.65	0-1	0.0
	24	0	9.20	8.58		0.0
DFT-s-OFDM 16QAM	1	1	8.73	8.14	0-1	0.0
CP-OFDM QPSK	1	1	9.15	8.51	0-1.5	0.0

Table H-269
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.43	0	0.0
	1	123	17.72		0.0
	1	243	17.65		0.0
	120	0	17.64	0-1	0.0
	120	63	17.69	0	0.0
	120	125	17.69	0-1	0.0
	243	0	17.67		0.0
DFT-s-OFDM 16QAM	1	1	17.15	0-1	0.0
CP-OFDM QPSK	1	1	17.47	0-1.5	0.0

Table H-270
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.57	0	0.0
	1	109	17.73		0.0
	1	215	17.66		0.0
	108	0	17.65	0-1	0.0
	108	55	17.72	0	0.0
	108	109	17.69	0-1	0.0
	216	0	17.63		0.0
DFT-s-OFDM 16QAM	1	1	17.19	0-1	0.0
CP-OFDM QPSK	1	1	17.52	0-1.5	0.0

Table H-271
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.52	0	0.0
	1	95	17.69		0.0
	1	187	17.64		0.0
	90	0	17.71	0-1	0.0
	90	50	17.76	0	0.0
	90	99	17.72	0-1	0.0
	180	0	17.69		0.0
DFT-s-OFDM 16QAM	1	1	17.28	0-1	0.0
CP-OFDM QPSK	1	1	17.53	0-1.5	0.0

Table H-272
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.50	0	0.0
	1	81	17.78		0.0
	1	160	17.60		0.0
	81	0	17.65	0-1	0.0
	81	41	17.75	0	0.0
	81	81	17.66	0-1	0.0
	162	0	17.69		0.0
DFT-s-OFDM 16QAM	1	1	17.25	0-1	0.0
CP-OFDM QPSK	1	1	17.55	0-1.5	0.0

Table H-273
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.58	0	0.0
	1	67	17.72		0.0
	1	131	17.62		0.0
	64	0	17.70	0-1	0.0
	64	35	17.79	0	0.0
	64	69	17.74	0-1	0.0
	128	0	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.46	0-1	0.0
CP-OFDM QPSK	1	1	17.67	0-1.5	0.0

Table H-274
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.68	0	0.0
	1	53	17.80		0.0
	1	104	17.78		0.0
	50	0	17.73	0-1	0.0
	50	28	17.70	0	0.0
	50	56	17.70	0-1	0.0
	100	0	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.37	0-1	0.0
CP-OFDM QPSK	1	1	17.65	0-1.5	0.0

Table H-275
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.65	0	0.0
	1	39	17.65		0.0
	1	76	17.75		0.0
	36	0	17.75	0-1	0.0
	36	21	17.79	0	0.0
	36	42	17.73	0-1	0.0
	75	0	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.45	0-1	0.0
CP-OFDM QPSK	1	1	17.65	0-1.5	0.0

Table H-276
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.86	0	0.0
	1	26	17.83		0.0
	1	49	17.81		0.0
	25	0	17.93	0-1	0.0
	25	13	17.95	0	0.0
	25	26	18.00	0-1	0.0
	50	0	17.90		0.0
DFT-s-OFDM 16QAM	1	1	17.62	0-1	0.0
CP-OFDM QPSK	1	1	17.79	0-1.5	0.0

Table H-277
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.81	0	0.0
	1	19	17.91		0.0
	1	36	17.90		0.0
	18	0	17.93	0-1	0.0
	18	10	17.95	0	0.0
	18	20	17.98	0-1	0.0
	36	0	17.90		0.0
DFT-s-OFDM 16QAM	1	1	17.62	0-1	0.0
CP-OFDM QPSK	1	1	17.79	0-1.5	0.0

Table H-278
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.87	0	0.0
	1	12	17.80		0.0
	1	22	17.86		0.0
	12	0	17.91	0-1	0.0
	12	6	17.96	0	0.0
	12	12	17.91	0-1	0.0
	24	0	17.92		0.0
DFT-s-OFDM 16QAM	1	1	17.61	0-1	0.0
CP-OFDM QPSK	1	1	17.73	0-1.5	0.0

Table H-279
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.89	0	0.0
	1	123	9.19		0.0
	1	243	9.08		0.0
	120	0	9.05	0-1	0.0
	120	63	9.14	0	0.0
	120	125	9.11	0-1	0.0
	243	0	9.13		0.0
DFT-s-OFDM 16QAM	1	1	8.65	0-1	0.0
CP-OFDM QPSK	1	1	8.92	0-1.5	0.0

Table H-280
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.96	0	0.0
	1	109	9.14		0.0
	1	215	9.13		0.0
	108	0	9.09	0-1	0.0
	108	55	9.15	0	0.0
	108	109	9.13	0-1	0.0
	216	0	9.15		0.0
DFT-s-OFDM 16QAM	1	1	8.71	0-1	0.0
CP-OFDM QPSK	1	1	9.02	0-1.5	0.0

Table H-281
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.96	0	0.0
	1	95	9.13		0.0
	1	187	9.07		0.0
	90	0	9.10	0-1	0.0
	90	50	9.18	0	0.0
	90	99	9.14	0-1	0.0
	180	0	9.11		0.0
DFT-s-OFDM 16QAM	1	1	8.72	0-1	0.0
CP-OFDM QPSK	1	1	8.95	0-1.5	0.0

Table H-282
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.99	0	0.0
	1	81	9.22		0.0
	1	160	9.08		0.0
	81	0	9.12	0-1	0.0
	81	41	9.23	0	0.0
	81	81	9.15	0-1	0.0
	162	0	9.14		0.0
DFT-s-OFDM 16QAM	1	1	8.76	0-1	0.0
CP-OFDM QPSK	1	1	9.14	0-1.5	0.0

Table H-283
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.02	0	0.0
	1	67	9.21		0.0
	1	131	9.13		0.0
	64	0	9.15	0-1	0.0
	64	35	9.18	0	0.0
	64	69	9.20	0-1	0.0
	128	0	9.21		0.0
DFT-s-OFDM 16QAM	1	1	8.90	0-1	0.0
CP-OFDM QPSK	1	1	9.04	0-1.5	0.0

Table H-284
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.17	0	0.0
	1	53	9.10		0.0
	1	104	9.23		0.0
	50	0	9.16	0-1	0.0
	50	28	9.21	0	0.0
	50	56	9.20	0-1	0.0
	100	0	9.24		0.0
DFT-s-OFDM 16QAM	1	1	8.93	0-1	0.0
CP-OFDM QPSK	1	1	9.21	0-1.5	0.0

Table H-285
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.08	0	0.0
	1	39	9.20		0.0
	1	76	9.19		0.0
	36	0	9.21	0-1	0.0
	36	21	9.24	0	0.0
	36	42	9.27	0-1	0.0
	75	0	9.23		0.0
DFT-s-OFDM 16QAM	1	1	8.86	0-1	0.0
CP-OFDM QPSK	1	1	9.18	0-1.5	0.0

Table H-286
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.27	0	0.0
	1	26	9.28		0.0
	1	49	9.29		0.0
	25	0	9.37	0-1	0.0
	25	13	9.40	0	0.0
	25	26	9.40	0-1	0.0
	50	0	9.35		0.0
DFT-s-OFDM 16QAM	1	1	9.07	0-1	0.0
CP-OFDM QPSK	1	1	9.28	0-1.5	0.0

Table H-287
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.29	0	0.0
	1	19	9.28		0.0
	1	36	9.25		0.0
	18	0	9.35	0-1	0.0
	18	10	9.41	0	0.0
	18	20	9.37	0-1	0.0
	36	0	9.35		0.0
DFT-s-OFDM 16QAM	1	1	9.04	0-1	0.0
CP-OFDM QPSK	1	1	9.22	0-1.5	0.0

Table H-288
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.29	0	0.0
	1	12	9.29		0.0
	1	22	9.28		0.0
	12	0	9.42	0-1	0.0
	12	6	9.39	0	0.0
	12	12	9.41	0-1	0.0
	24	0	9.40		0.0
DFT-s-OFDM 16QAM	1	1	9.06	0-1	0.0
CP-OFDM QPSK	1	1	9.25	0-1.5	0.0

H.2.14 NR Band n77 SRS Antennas S2, S3, & S4

Table H-289
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.46	15.44
SRS #3 Ant S4	16.02	15.89
SRS #4 Ant S3	15.84	15.66

Table H-290
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.52	15.46
SRS #3 Ant S4	16.03	15.92
SRS #4 Ant S3	15.81	15.65

Table H-291
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.54	15.43
SRS #3 Ant S4	16.04	15.96
SRS #4 Ant S3	15.85	15.64

Table H-292
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.58	15.33
SRS #3 Ant S4	15.95	15.93
SRS #4 Ant S3	15.77	15.74

Table H-293
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.53	15.41
SRS #3 Ant S4	15.83	15.82
SRS #4 Ant S3	15.85	15.80

Table H-294
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.60	15.39
SRS #3 Ant S4	16.02	15.90
SRS #4 Ant S3	15.82	15.82

Table H-295
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.57	15.47
SRS #3 Ant S4	15.97	15.95
SRS #4 Ant S3	15.73	15.65

Table H-296
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.95	15.33
SRS #3 Ant S4	15.57	16.14
SRS #4 Ant S3	15.27	15.69

Table H-297
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.63	15.35
SRS #3 Ant S4	15.33	15.99
SRS #4 Ant S3	15.09	15.49

Table H-298
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.91	15.32
SRS #3 Ant S4	15.64	16.14
SRS #4 Ant S3	15.12	15.55

Table H-299
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.54	7.97
SRS #3 Ant S4	6.89	6.75
SRS #4 Ant S3	6.67	6.74

Table H-300
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.43	8.01
SRS #3 Ant S4	6.85	6.75
SRS #4 Ant S3	6.73	6.87

Table H-301
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.51	7.97
SRS #3 Ant S4	6.85	6.80
SRS #4 Ant S3	6.71	6.75

Table H-302
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.44	7.90
SRS #3 Ant S4	6.84	6.64
SRS #4 Ant S3	6.68	6.61

Table H-303
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.56	7.94
SRS #3 Ant S4	6.79	6.62
SRS #4 Ant S3	6.64	6.77

Table H-304
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.47	7.95
SRS #3 Ant S4	6.82	6.69
SRS #4 Ant S3	6.79	6.78

Table H-305
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.42	7.85
SRS #3 Ant S4	6.75	6.77
SRS #4 Ant S3	6.69	6.69

Table H-306
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.05	8.10
SRS #3 Ant S4	6.46	6.77
SRS #4 Ant S3	6.21	6.89

Table H-307
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	7.81	8.09
SRS #3 Ant S4	6.31	6.71
SRS #4 Ant S3	5.99	6.71

Table H-308
NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
	Channel	
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.05	7.84
SRS #3 Ant S4	6.33	6.71
SRS #4 Ant S3	6.26	6.68

Table H-309
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.80
SRS #3 Ant S4	15.85
SRS #4 Ant S3	15.48

Table H-310
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.83
SRS #3 Ant S4	15.87
SRS #4 Ant S3	15.46

Table H-311
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.87
SRS #3 Ant S4	15.84
SRS #4 Ant S3	15.50

Table H-312
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.91
SRS #3 Ant S4	15.88
SRS #4 Ant S3	15.61

Table H-313
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.87
SRS #3 Ant S4	15.85
SRS #4 Ant S3	15.65

Table H-314
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.88
SRS #3 Ant S4	15.85
SRS #4 Ant S3	15.65

Table H-315
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.95
SRS #3 Ant S4	15.85
SRS #4 Ant S3	15.63

Table H-316
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.97
SRS #3 Ant S4	15.94
SRS #4 Ant S3	15.51

Table H-317
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.94
SRS #3 Ant S4	16.00
SRS #4 Ant S3	15.51

Table H-318
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.96
SRS #3 Ant S4	15.93
SRS #4 Ant S3	15.61

Table H-319
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.38
SRS #3 Ant S4	7.31
SRS #4 Ant S3	7.18

Table H-320
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.38
SRS #3 Ant S4	7.35
SRS #4 Ant S3	7.20

Table H-321
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.36
SRS #3 Ant S4	7.28
SRS #4 Ant S3	7.15

Table H-322
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.40
SRS #3 Ant S4	7.29
SRS #4 Ant S3	7.12

Table H-323
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.38
SRS #3 Ant S4	7.33
SRS #4 Ant S3	7.13

Table H-324
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.39
SRS #3 Ant S4	7.35
SRS #4 Ant S3	7.15

Table H-325
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.36
SRS #3 Ant S4	7.38
SRS #4 Ant S3	7.10

Table H-326
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.48
SRS #3 Ant S4	7.42
SRS #4 Ant S3	7.25

Table H-327
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.53
SRS #3 Ant S4	7.41
SRS #4 Ant S3	7.26

Table H-328
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
	Channel
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.50
SRS #3 Ant S4	7.39
SRS #4 Ant S3	7.22

APPENDIX I: LTE DOWNLINK ONLY CARRIER AGGREGATION TEST REDUCTION METHODOLOGY

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number of component carriers (CCs) supported by the product implementation. Per April 2018 TCBC Workshop Notes, the following test reduction methodology was applied to determine the combinations required for conducted power measurements.

LTE DLCA Test Reduction Methodology:

- The supported combinations were arranged by the number of component carriers in columns.
- Any limitations on the PCC or SCC for each combination were identified alongside the combination (e.g. CA_2A-2A-4A-12A, but B12 can only be configured as a SCC).
- Power measurements were performed for "supersets" (LTE CA combinations with multiple components carriers) and any "subsets" (LTE CA combinations with fewer component carriers) that were not completely covered by the supersets.
- Only subsets that have the exact same components as a superset were excluded for measurement.
- When there were certain restrictions on component carriers that existed in the superset that were not applied for the subset, the subset configuration was additionally evaluated.
- Both inter-band and intra-band downlink carrier aggregation scenarios were considered.
- Downlink CA combinations for SISO and 4x4 Downlink MIMO operations were measured independently, per May 2017 TCBC Workshop notes.

element

Table I-1 – Example of Exclusion Table for SISO Configurations

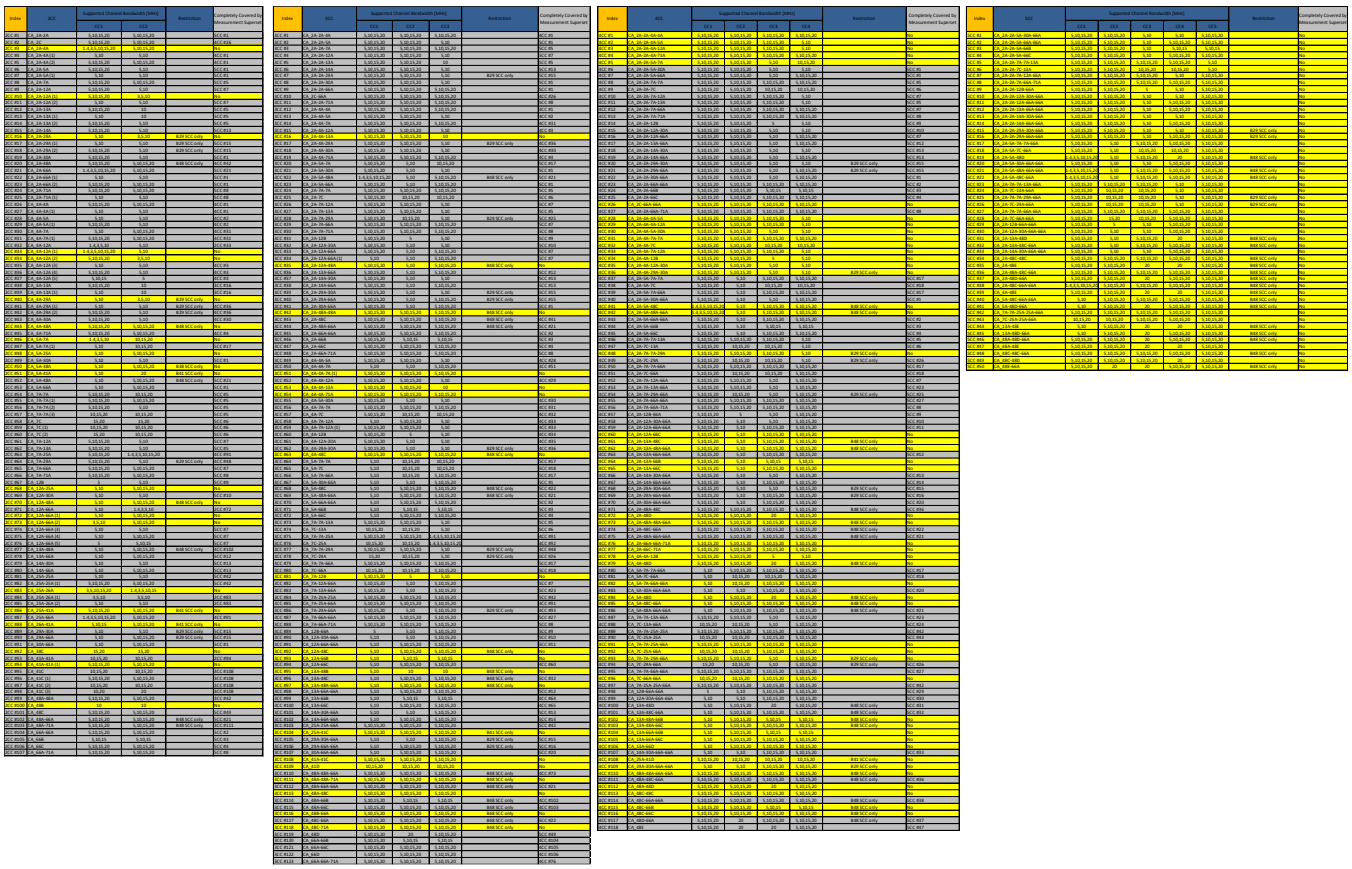
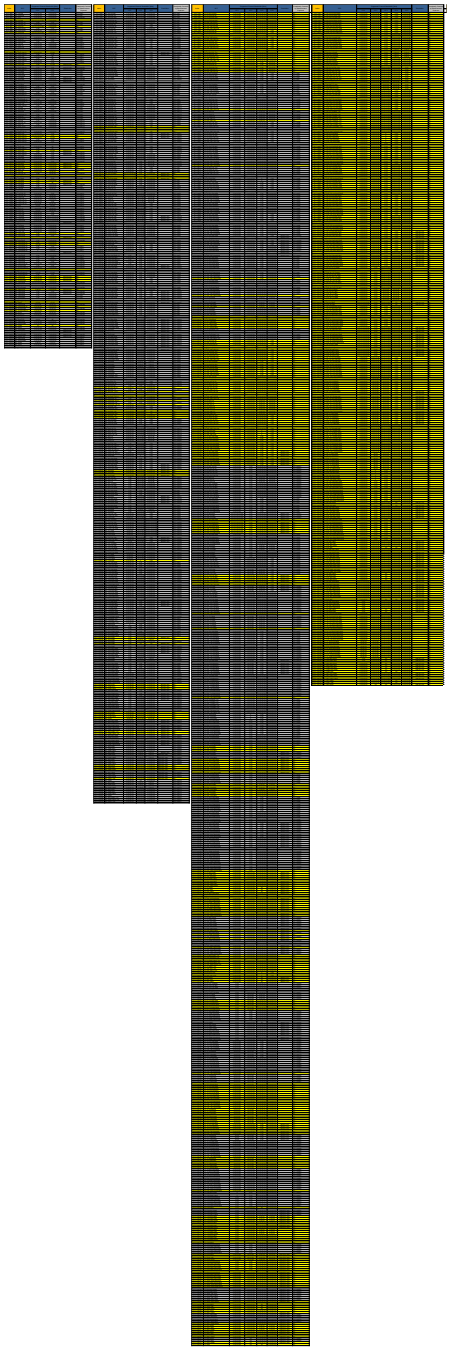


Table I-2 – Example of Exclusion Table for 4x4 Downlink MIMO Configurations



Note: [CC] indicates component carrier with 4x4 DL MIMO antenna configuration

I.1 LTE Downlink Only Carrier Aggregation Test Selection and Setup

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number component carriers (CCs) supported by the product implementation. For those configurations required by April 2018 TCBC Workshop Notes, conducted power measurements with LTE Carrier Aggregation (CA) (downlink only) active are made in accordance to KDB Publication 941225 D05Av01r02. The RRC connection is only handled by one cell, the primary component carrier (PCC) for downlink and uplink communications. After making a data connection to the PCC, the UE device adds secondary component carrier(s) (SCC) on the downlink only. All uplink communications and acknowledgements remain identical to specifications when downlink carrier aggregation is inactive on the PCC. Additional conducted output powers are measured with the downlink carrier aggregation active for the configuration with highest measured maximum conducted power with downlink carrier aggregation inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band.

Per FCC KDB Publication 941225 D05Av01r02, no SAR measurements are required for carrier aggregation configurations when the maximum average output power with downlink only carrier aggregation active is not more than 0.25 dB higher than the average output power with downlink only carrier aggregation inactive. All bands required for SAR testing per FCC KDB procedures were considered. Based on the measured maximum powers below, no additional SAR tests were required for DLCA SAR configurations.

General PCC and SCC configuration selection procedure

- PCC uplink channel, channel bandwidth, modulation and RB configurations were selected based on section C)3)b)ii) of KDB 941225 D05 V01r02. All LTE bandwidth conducted powers needed for PCC uplink configuration selection can be found in the RF Conducted Powers Section and LTE/NR Lower Bandwidth RF Conducted Power Appendix. The downlink PCC channel was paired with the selected PCC uplink channel according to normal configurations without carrier aggregation.
- To maximize aggregated bandwidth, highest channel bandwidth available for that CA combination was selected for SCC. For inter-band CA, the SCC downlink channels were selected near the middle of their transmission bands. For contiguous intra-band CA, the downlink channel spacing between the component carriers was set to multiple of 300 kHz less than the nominal channel spacing defined in section 5.4.1A of 3GPP TS 36.521. For non-contiguous intra-band CA, the downlink channel spacing between the component carriers was set to be larger than the nominal channel spacing and provided maximum separation between the component carriers.
- All selected PCC and SCC(s) remained fully within the uplink/downlink transmission band of the respective component carrier.

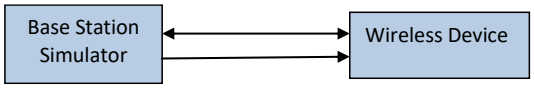


Figure I-1
DL CA Power Measurement Setup

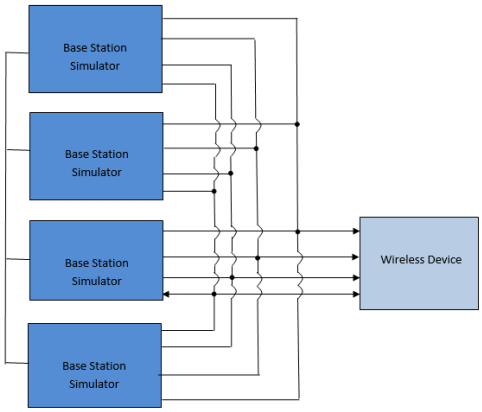


Figure I-2
DL CA with DL 4x4 MIMO Power Measurement Setup

I.2 Downlink Carrier Aggregation RF Conducted Powers

I.2.1 LTE Band 71 as PCC

Table I-3
Maximum Output Powers

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_4A-4A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	-	-	-	-	23.62	23.57
CA_4BA-4BA-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	LTE B48	20	55990	3625	LTE B48	20	56640	3690	-	-	-	-	-	-	-	-	23.49	23.57
CA_48C-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	-	-	-	-	23.52	23.57
CA_2A-2A-4A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B4	20	2175	2132.5	-	-	-	-	23.67	23.57
CA_2A-66A-66A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	23.65	23.57
CA_2A-66C-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	-	-	-	-	23.64	23.57
CA_2A-2A-7A-66A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B66	20	66786	2145	23.33	23.57

I.2.1 LTE Band 12 as PCC

Table I-4
Maximum Output Powers

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-12A (1)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	-	-	-	-	23.90	24.05
CA_4A-12A (1)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	-	-	-	-	23.91	24.05
CA_4A-12A (2)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	-	-	-	-	23.91	24.05
CA_12A-25A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B25	20	8365	1962.5	-	-	-	-	-	-	-	-	-	-	-	-	24.01	24.05
CA_12A-48A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B48	20	55990	3625	-	-	-	-	-	-	-	-	-	-	-	-	23.85	24.05
CA_12A-66A (1)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	-	-	-	-	23.94	24.05
CA_12A-66A (2)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	-	-	-	-	23.94	24.05
CA_7A-12B	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	LTE B12	10	5083	736.3	LTE B7	20	3100	2655	-	-	-	-	-	-	-	-	23.30	23.66
CA_12A-48C	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	-	-	-	-	23.94	24.05
CA_12A-66B	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B66	15	66786	2145	LTE B66	5	66879	2154.3	-	-	-	-	-	-	-	-	24.04	24.05
CA_2A-2A-4A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B4	20	2175	2132.5	-	-	-	-	24.11	24.05
CA_2A-4A-4A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B4	10	2350	2190	-	-	-	-	24.13	24.05
CA_2A-4A-7A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B7	20	3100	2655	-	-	-	-	23.65	24.05
CA_2A-4A-12B	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	LTE B12	10	5083	736.3	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	23.81	23.66
CA_2A-4A-12A-30A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	-	-	-	-	23.95	24.05
CA_2A-12A-66C	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	-	-	-	-	24.03	24.05
CA_4A-4A-12B	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	LTE B12	10	5083	736.3	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	23.67	23.66
CA_2A-2A-7A-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B66	20	66786	2145	24.00	24.05
CA_2A-2A-12B-66A	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	LTE B12	10	5083	736.3	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	23.70	23.66
CA_2A-2A-12A-30A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	10	9820	2355	LTE B66	20	66786	2145	23.96	24.05
CA_2A-2A-12A-66A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2190	24.04	24.05
CA_2A-12B-66A-66A	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	LTE B12	10	5083	736.3	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	23.71	23.66
CA_2A-12A-30A-66A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2190	23.94	24.05

I.2.2 LTE Band 13 as PCC

Table I-5
Maximum Output Powers

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-4A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	23.28	23.89
CA_2A-13A-48A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	55990	3625	-	-	-	-	-	-	-	-	23.28	23.89
CA_4A-4A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	-	-	-	-	23.65	23.89
CA_13A-48B	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B48	10	55990	3625	LTE B48	10	56089	3634.9	-	-	-	-	-	-	-	-	23.91	23.89
CA_13A-48A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B48	20	55990	3625	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	22.99	23.89
CA_2A-13A-48C	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	23.23	23.89
CA_2A-13A-48A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B66	20	66786	2145	-	-	-	-	23.30	23.89
CA_2A-13A-66B	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B66	15	66786	2145	LTE B66	5	66879	2154.3	-	-	-	-	23.58	23.89
CA_2A-13A-66C	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	-	-	-	-	23.61	23.89
CA_13A-48A-66B	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B48	20	55990	3625	LTE B66	15	66786	2145	LTE B66	5	66879	2154.3	-	-	-	-	23.28	23.89
CA_13A-48A-66C	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B48	20	55990	3625	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	-	-	-	-	23.91	23.89
CA_13A-66A-66B	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	66786	2145	LTE B66	5	67168	2183.2	LTE B66	15	67261	2192.5	-	-	-	-	23.62	23.89
CA_13A-66A-66C	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	66786	2145	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	-	-	-	-	23.62	23.89
CA_13A-66D	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	LTE B66	20	66588	2125.2	-	-	-	-	23.65	23.89
CA_2A-2A-7A-7A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B7	20	2850	2630	23.50	23.89
CA_2A-2A-7C-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	23.49	23.89
CA_2A-2A-13A-66A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2190	23.66	23.89
CA_2A-7A-7A-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B66	20	66786	2145	23.46	23.89
CA_2A-7C-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	LTE B66	20	66786	2145	23.53	23.89
CA_2A-13A-48D	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	23.33	23.89
CA_2A-13A-48C-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B66	20	66786	2145	23.32	23.89
CA_13A-48E	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	LTE B48	20	56584	3684.4	24.01	23.89
CA_13A-48D-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	LTE B66	20	66786	2145	24.00	23.89

I.2.3 LTE Band 14 as PCC

Table I-6
Maximum Output Powers

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-2A-14A-30A-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	10	9820	2355	LTE B66	20	66786	2145	23.72	23.90
CA_2A-2A-14A-66A-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2190	23.75	23.90
CA_2A-14A-30A-66A-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2190	23.87	23.90

I.2.4 LTE Band 26 as PCC

Table I-7
Maximum Output Powers

	PCC									SCC 1				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_25A-26A	LTE B26	15	26865	831.5	QPSK	1	74	8865	876.5	LTE B25	20	8365	1962.5	24.20	24.25
CA_26A-41A	LTE B26	15	26865	831.5	QPSK	1	74	8865	876.5	LTE B41	20	40620	2593	24.23	24.25

I.2.5 LTE Band 66 as PCC

Table I-8
Maximum Output Powers

	PCC									SCC 1					SCC 2					SCC 3					SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_12A-66A (1)	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B12	10	5095	737.5	-	-	-	-	-	-	-	-	-	-	-	-	23.90	23.93
CA_12A-66A (2)	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B12	10	5095	737.5	-	-	-	-	-	-	-	-	-	-	-	-	23.90	23.93
CA_12A-66B	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	15	66554	2121.8	LTE B12	10	5095	737.5	-	-	-	-	-	-	-	-	23.88	23.93
CA_13A-48A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B13	10	5230	751	LTE B48	20	55990	3625	-	-	-	-	-	-	-	-	23.86	23.93
CA_48B-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B48	10	55990	3625	LTE B48	10	56089	3634.9	-	-	-	-	-	-	-	-	23.88	23.93
CA_2C-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B2	20	702	1940.2	-	-	-	-	23.93	23.93
CA_2A-5A-48A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	-	-	-	-	23.93	23.93
CA_2A-12A-66C	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	66578	2124.2	LTE B2	20	900	1960	LTE B12	10	5095	737.5	-	-	-	-	23.88	23.93
CA_2A-13A-48A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B13	10	5230	751	LTE B48	20	55990	3625	-	-	-	-	23.94	23.93
CA_2A-13A-66B	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	15	66554	2121.8	LTE B2	20	900	1960	LTE B13	10	5230	751	-	-	-	-	23.95	23.93
CA_2A-13A-66C	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	66578	2124.2	LTE B2	20	900	1960	LTE B13	10	5230	751	-	-	-	-	23.94	23.93
CA_2A-48A-48A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	55340	3560	-	-	-	-	23.94	23.93
CA_2A-66A-66A-71A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B71	20	68761	634.5	-	-	-	-	23.93	23.93
CA_2A-66C-71A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	66578	2124.2	LTE B2	20	900	1960	LTE B71	20	68761	634.5	-	-	-	-	23.87	23.93
CA_5A-7A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B5	10	2525	881.5	LTE B7	20	3100	2655	-	-	-	-	23.94	23.93
CA_5A-48C-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	23.86	23.93
CA_5A-48C-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	23.95	23.93
CA_7A-7A-25A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B25	20	8365	2610.2	-	-	-	-	23.92	23.93
CA_7C-25A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	LTE B25	20	8365	2610.2	-	-	-	-	23.93	23.93
CA_7A-7A-29A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B29	10	9715	2615.6	-	-	-	-	23.92	23.93
CA_7C-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	-	-	-	-	23.86	23.93
CA_13A-48A-66B	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	15	66554	2121.8	LTE B13	10	5230	751	LTE B48	20	55990	3625	-	-	-	-	23.91	23.93
CA_13A-48A-66C	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	66578	2124.2	LTE B13	10	5230	751	LTE B48	20	55990	3625	-	-	-	-	23.91	23.93
CA_13A-66A-66B	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	15	66554	2121.8	LTE B13	10	5230	751	LTE B71	20	68761	634.5	-	-	-	-	23.91	23.93
CA_13A-66A-66C	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	66578	2124.2	LTE B13	10	5230	751	LTE B71	20	68761	634.5	-	-	-	-	23.91	23.93
CA_13A-66B-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	15	66554	2121.8	LTE B66	20	67236	2190	LTE B13	10	5230	751	-	-	-	-	23.94	23.93
CA_13A-66A-66C	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	LTE B13	10	5230	751	-	-	-	-	23.92	23.93
CA_13A-66C-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	66578	2124.2	LTE B66	20	67236	2190	LTE B13	10	5230	751	-	-	-	-	23.91	23.93
CA_29A-30A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	-	-	-	-	23.91	23.93
CA_48A-48A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B48	20	55990	3625	LTE B48	20	55340	3560	-	-	-	-	23.89	23.93
CA_48C-66C	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	66578	2124.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	23.83	23.93
CA_2A-2A-5A-30A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.91	23.93
CA_2A-2A-5A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	23.95	23.93
CA_2A-2A-5A-66B	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	15	66554	2121.8	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	23.86	23.93
CA_2A-2A-5A-66C	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	66578	2124.2	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	23.87	23.93
CA_2A-2A-7A-12A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B12	10	5095	737.5	23.96	23.93
CA_2A-2A-7A-66A-71A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B71	20	68761	634.5	23.95	23.93
CA_2A-2A-12B-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	5	5095	737.5	LTE B12	5	5047	732.7	23.80	23.93
CA_2A-2A-12A-30A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.87	23.93
CA_2A-2A-12A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	737.5	23.91	23.93
CA_2A-2A-13A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B13	10	5230	751	23.89	23.93
CA_2A-2A-14A-30A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B14	10	5330	763	LTE B30	10	9820	2355	23.89	23.93
CA_2A-2A-14A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B14	10	5330	763	23.91	23.93
CA_2A-2A-29A-30A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	23.87	23.93
CA_2A-2A-29A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B29	10	9715	722.5	23.90	23.93
CA_2A-5A-7A-7A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B7	20	3100	2655	LTE B7	20	2850	2630	23.83	23.93
CA_2A-5A-7C-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	23.90	23.93
CA_2A-5A-30A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.88	23.93
CA_2A-5A-48A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	23.92	23.93
CA_2A-5A-48C-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	23.85	23.93
CA_2A-7A-7A-13A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B13	10	5230	751	23.86	23.93
CA_2A-7C-13A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	LTE B13	10	5230	751	23.86	23.93
CA_2A-7A-7A-29A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B29	10	9715	722.5	23.90	23.93
CA_2A-7C-29A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	LTE B29	10	9715	722.5	23.90	23.93
CA_2A-7A-7A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2850	2630	23.84	23.93
CA_2A-7C-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	23.72	23.93
CA_2A-12B-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B12	5	5095	737.5	LTE B12	5	5047	732.7	23.90	23.93
CA_2A-12A-30A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.91	23.93
CA_2A-13A-48C-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B13	10	5230	751	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	23.89	23.93
CA_2A-14A-30A-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B30	10	9820	2355	23.92	23.93
CA_2A-48C-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	23.91	23.93
CA_2A-48D-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	23.90	23.93
CA_2A-48C-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	23.91	23.93
CA_5A-48C-66A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B66	20	67236	2190	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	23.90	23.93
CA_5A-48D-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	23.87	23.93
CA_7A-7A-25A-25A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B25	20	8365	1962.5	LTE B25	20	8590	1985	23.89	23.93
CA_7C-25A-25A-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	LTE B25	20	8365	1962.5	LTE B25	20	8590	1985	23.88	23.93
CA_13A-48D-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B13	10	5230	751	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	23.85	23.93
CA_48A-48D-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B48	20	55990	3625	LTE B48	20	56640	3690	LTE B48	20	56442	3670.2	LTE B48	20	56244	3650.4	23.85	23.93
CA_48C-48C-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	23.91	23.93
CA_48E-66A	LTE B66	5	131997	1712.5	QPSK	1	12	66461	2112.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	LTE B48	20	56584	3684.4	23.94	23.93

I.2.6 LTE Band 25 as PCC

Table I-9
Maximum Output Powers

	PCC									SCC 1					SCC 2					SCC 3					SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_5A-25A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	-	23.89	23.89
CA_12A-25A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B12	10	5095	737.5	-	-	-	-	-	-	-	-	-	-	-	-	23.87	23.89
CA_25A-26A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B26	15	8865	876.5	-	-	-	-	-	-	-	-	-	-	-	-	23.86	23.89
CA_25A-41A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B41	20	40620	2593	-	-	-	-	-	-	-	-	-	-	-	-	23.84	23.89
CA_25A-41C	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B41	20	40620	2593	LTE B41	20	40422	2573.2	-	-	-	-	-	-	-	-	23.83	23.89
CA_7A-7A-25A-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B66	20	66536	2120	-	-	-	-	23.86	23.89
CA_7C-25A-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B	20	3100	2655	LTE B7	20	2850	2630	LTE B66	20	66536	2120	-	-	-	-	23.90	23.89
CA_25A-41D	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B41	20	40422	2573.2	LTE B41	20	40620	2593	LTE B41	20	40818	2612.8	-	-	-	-	23.88	23.89
CA_7A-7A-25A-25A-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B25	20	8590	1985	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B66	20	66786	2145	23.88	23.89
CA_7C-25A-25A-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	LTE B25	20	8590	1985	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	LTE B66	20	66786	2145	23.91	23.89

I.2.1 LTE Band 7 as PCC

Table I-10
Maximum Output Powers

	PCC									SCC 1					SCC 2					SCC 3					SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_5A-7A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	-	24.01	23.96
CA_4A-4A-7A (1)	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	-	-	-	-	23.99	23.96
CA_7A-12B	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B12	5	5095	737.5	LTE B12	5	5047	732.7	-	-	-	-	-	-	-	-	23.98	23.96
CA_2A-2A-5A-7A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	-	-	-	-	24.00	23.96
CA_2A-4A-7A-7A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B4	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	23.99	23.96
CA_2A-4A-7C	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2902	2635.2	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	24.00	23.96
CA_2A-4A-7A-12A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	-	-	-	-	23.99	23.96
CA_2A-7A-7A-29A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B2	20	900	1960	LTE B29	10	9715	722.5	-	-	-	-	23.98	23.96
CA_5A-7A-66A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	24.01	23.96
CA_7A-7A-25A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B25	20	8365	1962.5	LTE B66	20	66786	2145	-	-	-	-	23.99	23.96
CA_7C-25A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2902	2635.2	LTE B25	20	8365	1962.5	LTE B66	20	67236	2190	-	-	-	-	24.05	23.96
CA_7A-7A-29A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B29	10	9715	722.5	LTE B66	20	66786	2145	-	-	-	-	24.01	23.96
CA_7C-66A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2902	2635.2	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	23.99	23.96
CA_2A-2A-7A-7A-13A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B13	10	5230	751	23.97	23.96
CA_2A-2A-7C-13A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	3152	2660.2	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B13	10	5230	751	24.06	23.96
CA_2A-2A-7A-12A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	24.07	23.96
CA_2A-2A-7A-66A-71A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B71	20	68761	634.5	23.98	23.96
CA_2A-5A-7A-7A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	24.03	23.96
CA_2A-5A-7C-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	3152	2660.2	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	24.02	23.96
CA_2A-7A-7A-13A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B2	20	900	1960	LTE B13	10	5230	751	LTE B66	20	66786	2145	24.07	23.96
CA_2A-7C-13A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2902	2635.2	LTE B2	20	900	1960	LTE B13	10	5230	751	LTE B66	20	66786	2145	24.08	23.96
CA_2A-7A-7A-29A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B2	20	900	1960	LTE B29	10	9715	722.5	LTE B66	20	66786	2145	24.08	23.96
CA_2A-7C-29A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2902	2635.2	LTE B2	20	900	1960	LTE B29	10	9715	722.5	LTE B66	20	66786	2145	24.04	23.96
CA_2A-7A-7A-66A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	24.01	23.96
CA_2A-7C-66A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2902	2635.2	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	24.02	23.96
CA_7A-7A-25A-25A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2850	2630	LTE B25	20	8140	1940	LTE B25	20	8365	1962.5	LTE B66	20	67236	2190	23.94	23.96
CA_7C-25A-25A-66A	LTE B7	20	21100	2535	QPSK	1	0	3100	2655	LTE B7	20	2902	2635.2	LTE B25	20	8140	1940	LTE B25	20	8365	1962.5	LTE B66	20	67236	2190	24.01	23.96

I.2.2 LTE Band 30 as PCC

Table I-11
Maximum Output Powers

	PCC									SCC 1					SCC 2					SCC 3					SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-4A-5A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	-	-	-	-	22.82	22.80
CA_2A-4A-12A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	-	-	-	-	22.86	22.80
CA_2A-4A-29A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	-	-	-	-	22.90	22.80
CA_29A-30A-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B29	10	9715	722.5	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	22.80	22.80
CA_2A-2A-5A-30A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	22.88	22.80
CA_2A-2A-12A-30A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	22.87	22.80
CA_2A-2A-14A-30A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B14	10	5330	763	LTE B66	20	66786	2145	22.86	22.80
CA_2A-2A-29A-30A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B29	10	9715	722.5	LTE B66	20	66786	2145	22.89	22.80
CA_2A-5A-30A-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	LTE B66	20	67236	2190	22.77	22.80
CA_2A-12A-30A-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	LTE B66	20	67236	2190	22.85	22.80
CA_2A-14A-30A-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B66	20	66786	2145	LTE B66	20	67236	2190	22.92	22.80

I.2.3 LTE Band 41 as PCC

Table I-12
Maximum Output Powers

	PCC								SCC 1				SCC 2				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_41A-41A (1)	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	LTE B41	20	41490	2680	-	-	-	-	23.99	24.02
CA_41A-41C	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	23.99	24.02
CA_41C-41A	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	LTE B41	20	40356	2566.6	LTE B41	20	41490	2680	23.99	24.02
CA_41D	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	LTE B41	20	40356	2566.6	LTE B41	20	40554	2586.4	23.51	24.02

I.2.1 LTE Band 48 as PCC

Table I-13
Maximum Output Powers

	PCC									SCC 1					SCC 2					SCC 3					SCC 4				Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_48B	LTE B48	10	55757	3601.7	QPSK	1	0	55757	3601.7	LTE B48	10	55856	3611.6	-	-	-	-	-	-	-	-	-	-	-	-	23.17	23.23
CA_48A-48C	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	-	-	-	-	-	-	-	-	23.28	23.24
CA_48C-48A	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	56115	3637.5	LTE B48	20	55340	3560	-	-	-	-	-	-	-	-	23.27	23.24
CA_48A-48D	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	LTE B48	20	55736	3599.6	-	-	-	-	23.25	23.24
CA_48D-48A	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	56115	3637.5	LTE B48	20	55917	3617.7	LTE B48	20	56640	3690	-	-	-	-	23.27	23.24
CA_48C-48C	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	56115	3637.5	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	-	-	-	-	23.28	23.24
CA_48A-48E	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	LTE B48	20	55736	3599.6	LTE B48	20	55934	3619.4	23.25	23.24
CA_48E-48A	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	56115	3637.5	LTE B48	20	55917	3617.7	LTE B48	20	55638	3589.8	LTE B48	20	56640	3690	23.24	23.24
CA_48C-48D	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	56115	3637.5	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	LTE B48	20	55736	3599.6	23.23	23.24
CA_48D-48C	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	LTE B48	20	56115	3637.5	LTE B48	20	55917	3617.7	LTE B48	20	56640	3690	LTE B48	20	56442	3670.2	23.24	23.24

I.3 DL CA with DL 4x4 MIMO RF Conduction Powers

This device supports downlink 4x4 MIMO operations for some LTE bands. Uplink transmission is limited to a single output stream. When carrier aggregation was applicable, the general test selection and setup procedures described in Section I.1 were applied.

Per May 2017 TCB Workshop Notes, SAR for 4x4 DL MIMO was not needed since the maximum average output power in 4x4 DL MIMO mode was not more than 0.25 dB higher than the maximum output power with 4x4 DL MIMO inactive. Additionally, SAR for 4x4 MIMO Downlink Carrier Aggregation was not needed since the maximum average output power in 4x4 MIMO Downlink Carrier Aggregation mode was not more than 0.25 dB higher than the maximum output power with 4x4 MIMO Downlink and downlink carrier aggregation inactive.

I.3.1 LTE 4x4 MIMO DL Standalone Powers

Table I-14
Maximum Output Powers

LTE Band	Bandwidth [MHz]	Channel	Frequency [MHz]	Modulation	RB Size	RB Offset	4x4 DL MIMO Tx. Power [dBm]	Single Antenna Tx. Power [dBm]	Target Power [dBm]
66	5	131997	1712.5	QPSK	1	12	23.95	23.93	24.0
25	20	26140	1860	QPSK	1	99	23.92	23.89	24.0
7	20	21100	2535	QPSK	1	0	23.94	23.96	24.0
30	10	27710	2310	QPSK	1	25	22.78	22.80	23.0
41	5	40185	2549.5	QPSK	1	0	23.87	23.92	24.0
48	5	56232	3649.2	QPSK	1	0	23.20	23.24	23.0

I.3.2 LTE Band 71 as PCC

Table I-15
Maximum Output Powers

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_(4A)-(4A)-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	-	-	-	-	23.55	23.57
CA_(48A)-(48A)-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	55340	3560	4x4	-	-	-	-	-	-	-	-	-	-	23.38	23.57
CA_(48C)-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	-	-	-	-	-	-	-	-	-	-	23.40	23.57
CA_2A-2A-(4A)-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	23.42	23.57
CA_[2A]-[2A]-4A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B4	20	2175	2132.5	2x2	-	-	-	-	-	23.34	23.57
CA_[2A]-[2A]-(4A)-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	23.34	23.57
CA_[2A]-[2A]-66A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	-	-	-	-	-	23.43	23.57
CA_2A-66A]-(66A)-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	23.43	23.57
CA_[2A]-[66A]-[66A]-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	23.34	23.57
CA_2A-66C]-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	23.34	23.57
CA_[2A]-66C-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	66984	2164.8	2x2	-	-	-	-	-	23.32	23.57
CA_[2A]-[66C]-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	23.35	23.57
CA_2A-2A-7A-(66A)-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B7	20	3100	2655	2x2	LTE B66	20	66786	2145	4x4	23.42	23.57
CA_2A-2A-[7A]-66A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B7	20	3100	2655	4x4	LTE B66	20	66786	2145	2x2	23.38	23.57
CA_[2A]-[2A]-7A-66A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	2x2	LTE B66	20	66786	2145	2x2	23.44	23.57
CA_[2A]-[2A]-7A-(66A)-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	2x2	LTE B66	20	66786	2145	4x4	23.40	23.57
CA_[2A]-[2A]-[7A]-66A-71A	LTE B71	20	133297	680.5	QPSK	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	4x4	LTE B66	20	66786	2145	2x2	23.45	23.57

I.3.3 LTE Band 12 as PCC

Table I-16
Maximum Output Powers

	PCC									SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[2A]-12A (1)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.99	24.05
CA_[4A]-12A (1)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.98	24.05
CA_[4A]-12A (2)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.98	24.05
CA_12A-[25A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B25	20	8365	1962.5	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.98	24.05
CA_12A-[48A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B48	20	55990	3625	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.94	24.05
CA_12A-[66A] (1)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.04	24.05
CA_12A-[66A] (2)	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.04	24.05
CA_[7A]-12B	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B7	20	3100	2655	4x4	-	-	-	-	-	-	-	-	-	-	-	23.63	23.66
CA_12A-[48C]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	-	-	-	-	-	-	-	-	-	-	-	23.93	24.05
CA_2A-2A-[4A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	24.04	24.05
CA_[2A]-[2A]-4A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B4	20	2175	2132.5	2x2	-	-	-	-	-	24.07	24.05
CA_2A-[4A]-[4A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	24.04	24.05
CA_[2A]-4A-4A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B4	10	2350	2150	2x2	-	-	-	-	-	24.07	24.05
CA_2A-[4A]-[4A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	24.00	24.05
CA_[2A]-[4A]-[4A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	24.06	24.05
CA_2A-4A-[7A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	2x2	LTE B7	20	3100	2655	4x4	-	-	-	-	-	23.51	24.05
CA_2A-[4A]-7A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B7	20	3100	2655	2x2	-	-	-	-	-	23.52	24.05
CA_[2A]-4A-7A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B7	20	3100	2655	2x2	-	-	-	-	-	23.50	24.05
CA_2A-[4A]-[7A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B7	20	3100	2655	4x4	-	-	-	-	-	23.49	24.05
CA_[2A]-4A-[7A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B7	20	3100	2655	4x4	-	-	-	-	-	23.52	24.05
CA_[2A]-[4A]-7A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B7	20	3100	2655	2x2	-	-	-	-	-	23.48	24.05
CA_[2A]-[4A]-[7A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B7	20	3100	2655	2x2	-	-	-	-	-	23.48	24.05
CA_2A-[4A]-12A	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	23.83	23.66
CA_[2A]-4A-12B	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	-	-	-	-	-	23.88	23.66
CA_[2A]-[4A]-12B	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	23.82	23.66
CA_2A-4A-12A-[30A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	23.90	24.05
CA_2A-[4A]-12A-30A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B30	10	9820	2355	4x4	-	-	-	-	-	23.89	24.05
CA_2A-[4A]-12A-[30A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B30	10	9820	2355	4x4	-	-	-	-	-	23.91	24.05
CA_[2A]-4A-12A-[30A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	23.90	24.05
CA_[2A]-[4A]-12A-30A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B30	10	9820	2355	2x2	-	-	-	-	-	23.95	24.05
CA_[2A]-[4A]-12A-[30A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B30	10	9820	2355	4x4	-	-	-	-	-	23.94	24.05
CA_2A-12A-[66C]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	23.99	24.05
CA_[2A]-12A-66C	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	66984	2164.8	2x2	-	-	-	-	-	24.04	24.05
CA_[2A]-12A-[66C]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	24.04	24.05
CA_[4A]-[4A]-12B	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	23.77	23.66
CA_2A-2A-7A-12A-[66A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B7	20	3100	2655	2x2	LTE B66	20	66786	2145	4x4	23.92	24.05
CA_2A-2A-[7A]-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B7	20	3100	2655	4x4	LTE B66	20	66786	2145	2x2	23.88	24.05
CA_2A-2A-[7A]-12A-[66A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B7	20	3100	2655	4x4	LTE B66	20	66786	2145	4x4	23.86	24.05
CA_[2A]-[2A]-7A-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	2x2	LTE B66	20	66786	2145	2x2	24.03	24.05
CA_[2A]-[2A]-7A-12A-[66A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	4x4	LTE B66	20	66786	2145	4x4	24.04	24.05
CA_[2A]-[2A]-[7A]-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	4x4	LTE B66	20	66786	2145	2x2	24.01	24.05
CA_2A-2A-12B-[66A]	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B66	20	66786	2145	4x4	23.70	23.66
CA_[2A]-[2A]-12B-66A	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	2x2	23.68	23.66
CA_[2A]-[2A]-12B-[66A]	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	23.69	23.66
CA_2A-2A-12A-30A-[66A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	4x4	24.00	24.05
CA_2A-2A-12A-[30A]-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	2x2	23.99	24.05
CA_2A-2A-12A-[30A]-[66A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	24.01	24.05
CA_[2A]-[2A]-12A-30A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	2x2	23.98	24.05
CA_[2A]-[2A]-12A-30A-[66A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	23.99	24.05
CA_[2A]-[2A]-12A-[30A]-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	24.01	24.05
CA_[2A]-12A-30A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	23.99	24.05
CA_2A-2A-12A-[66A]-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	24.08	24.05
CA_[2A]-12B-66A	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	23.71	23.66
CA_2A-12B-[66A]-[66A]	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.70	23.66
CA_[2A]-12B-[66A]-[66A]	LTE B12	5	23155	713.5	QPSK	1	0	5155	743.5	2x2	LTE B12	10	5083	736.3	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.70	23.66
CA_2A-12A-[30A]-66A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	23.99	24.05
CA_[2A]-12A-30A-66A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	24.00	24.05
CA_2A-12A-30A-[66A]-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	24.02	24.05
CA_[2A]-12A-[30A]-66A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	23.98	24.05
CA_2A-12A-[30A]-[66A]-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.98	24.05
CA_[2A]-12A-[30A]-[66A]-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.99	24.05

I.3.4 LTE Band 13 as PCC

Table I-17
Maximum Output Powers

Combination	PCC									SCC 1					SCC 2					SCC 3					SCC 4					Power	
	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-[4A]-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	23.77	23.89
CA_[2A]-4A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	-	-	-	-	-	-	-	-	-	-	23.74	23.89
CA_[2A]-[4A]-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	23.76	23.89
CA_[4A]-[4A]-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	-	-	-	-	23.73	23.89
CA_13A-[48B]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	10	55990	3625	4x4	LTE B48	10	56089	3634.9	4x4	-	-	-	-	-	-	-	-	-	-	23.82	23.89
CA_2A-13A-48A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B48	20	55990	3625	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	23.91	23.89
CA_2A-13A-[48A]-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B48	20	55990	3625	4x4	LTE B66	20	66786	2145	2x2	-	-	-	-	-	23.84	23.89
CA_[2A]-13A-48A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	2x2	LTE B66	20	66786	2145	2x2	-	-	-	-	-	23.90	23.89
CA_2A-13A-[48A]-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B48	20	55990	3625	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	23.85	23.89
CA_[2A]-13A-48A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	23.87	23.89
CA_[2A]-13A-[48A]-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	23.92	23.89
CA_[2A]-13A-[48A]-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	23.90	23.89
CA_2A-13A-[66B]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	-	-	-	-	-	23.90	23.89
CA_[2A]-13A-66B	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	15	66786	2145	2x2	LTE B66	5	66879	2154.3	2x2	-	-	-	-	-	23.92	23.89
CA_[2A]-13A-[66B]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	-	-	-	-	-	23.88	23.89
CA_2A-13A-[66C]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	23.87	23.89
CA_[2A]-13A-66C	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	66984	2164.8	2x2	-	-	-	-	-	23.85	23.89
CA_[2A]-13A-[66C]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	23.88	23.89
CA_13A-[48C]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B48	20	56386	3664.6	4x4	-	-	-	-	-	23.93	23.89
CA_13A-48A-[66B]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	2x2	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	-	-	-	-	-	23.94	23.89
CA_13A-[48A]-66B	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	4x4	LTE B66	15	66786	2145	2x2	LTE B66	5	66879	2154.3	2x2	-	-	-	-	-	23.91	23.89
CA_13A-[48A]-[66B]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	4x4	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	-	-	-	-	-	23.91	23.89
CA_13A-48A-[66C]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	23.94	23.89
CA_13A-[48A]-66C	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	66984	2164.8	2x2	-	-	-	-	-	23.86	23.89
CA_13A-[48A]-[66C]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	23.89	23.89
CA_13A-66A-[66B]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	66786	2145	2x2	LTE B66	5	67168	2183.2	4x4	LTE B66	15	67261	2192.5	4x4	-	-	-	-	-	23.88	23.89
CA_13A-[66A]-66B	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	5	67168	2183.2	2x2	LTE B66	15	67261	2192.5	2x2	-	-	-	-	-	23.83	23.89
CA_13A-[66A]-[66B]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	5	67168	2183.2	4x4	LTE B66	15	67261	2192.5	4x4	-	-	-	-	-	23.80	23.89
CA_13A-66A-[66C]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67038	2170.2	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	23.81	23.89
CA_13A-66A-66C	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67038	2170.2	2x2	LTE B66	20	67236	2190	2x2	-	-	-	-	-	23.81	23.89
CA_13A-[66A]-[66C]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67038	2170.2	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	23.80	23.89
CA_2A-2A-[7A]-[7A]-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	23.90	23.89
CA_[2A]-[2A]-7A-7A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	23.86	23.89
CA_2A-2A-[7C]-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B7	20	3100	2655	2x2	LTE B7	20	2902	2635.2	2x2	23.88	23.89
CA_[2A]-[2A]-7C-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2902	2635.2	2x2	23.89	23.89
CA_2A-2A-13A-[66A]-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.89	23.89
CA_[2A]-[2A]-13A-66A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.90	23.89
CA_2A-7A-7A-13A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66786	2145	4x4	23.73	23.89
CA_[2A]-7A-7A-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66786	2145	2x2	23.75	23.89
CA_[2A]-7A-7A-13A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66786	2145	2x2	23.74	23.89
CA_2A-[7A]-7A-13A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66786	2145	4x4	23.75	23.89
CA_2A-[7A]-[7A]-13A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66786	2145	4x4	23.75	23.89
CA_[2A]-[7A]-[7A]-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66786	2145	4x4	23.73	23.89
CA_2A-7C-13A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B7	20	3100	2655	2x2	LTE B7	20	2902	2635.2	2x2	LTE B66	20	66786	2145	4x4	23.72	23.89
CA_2A-[7C]-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	LTE B66	20	66786	2145	4x4	23.75	23.89
CA_[2A]-7C-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2902	2635.2	2x2	LTE B66	20	66786	2145	2x2	23.75	23.89
CA_2A-[7C]-13A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	LTE B66	20	66786	2145	4x4	23.74	23.89
CA_[2A]-7C-13A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2902	2635.2	2x2	LTE B66	20	66786	2145	4x4	23.73	23.89
CA_[2A]-[7C]-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	LTE B66	20	66786	2145	4x4	23.76	23.89
CA_2A-13A-[48D]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B48	20	56386	3664.6	4x4	23.88	23.89
CA_[2A]-13A-48D	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	2x2	LTE B48	20	56188	3644.8	2x2	LTE B48	20	56386	3664.6	2x2	23.87	23.89
CA_2A-13A-48C-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B48	20	55990	3625	2x2	LTE B48	20	56188	3644.8	2x2	LTE B66	20	66786	2145	4x4	23.88	23.89
CA_2A-13A-[48C]-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B66	20	66786	2145	4x4	23.89	23.89
CA_[2A]-13A-48C-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	2x2	LTE B48	20	56188	3644.8	2x2	LTE B66	20	66786	2145	4x4	23.90	23.89
CA_2A-13A-[48C]-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B66	20	66786	2145	4x4	23.86	23.89
CA_[2A]-13A-48C-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	2x2	LTE B48	20	56188	3644.8	2x2	LTE B66	20	66786	2145	4x4	23.88	23.89
CA_2A-[4A]-13A-48C-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B66	20	66786	2145	4x4	23.89	23.89
CA_[2A]-[4A]-13A-48C-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B66	20	66786	2145	4x4	23.89	23.89
CA_13A-48D-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	2x2	LTE B48	20	56188	3644.8	2x2	LTE B48	20	56386	3664.6	2x2	LTE B66	20	66786	2145	4x4	23.86	23.89
CA_13A-[48D]-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B48	20	56386	3664.6	4x4	LTE B66	20	66786	2145	4x4	23.89	23.89

I.3.5 LTE Band 14 as PCC

Table I-18
Maximum Output Powers

Combination	PCC									SCC 1					SCC 2					SCC 3					SCC 4					Power	
	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-2A-14A-30A-[66A]	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	4x4	23.78	23.90
CA_2A-2A-14A-[30A]-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	23.77	23.90
CA_2A-2A-14A-[30A]-[66A]	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	23.79	23.90
CA_[2A]-[2A]-14A-30A-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	2x2	23.76	23.90
CA_[2A]-[2A]-14A-30A-[66A]	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	4x4	23.77	23.90
CA_[2A]-[2A]-14A-[30A]-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	23.75	23.90
CA_2A-2A-14A-[66A]-[66A]	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.59	23.90
CA_[2A]-[2A]-14A-66A-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	23.66	23.90
CA_2A-14A-[30A]-66A-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	23.64	23.90
CA_[2A]-14A-30A-66A-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	23.56	23.90
CA_2A-14A-30A-[66A]-[66A]	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	2x2	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.59	23.90
CA_[2A]-14A-[30A]-66A-66A	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	23.55	23.90
CA_2A-14A-[30A]-[66A]-[66A]	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.57	23.90
CA_[2A]-14A-30A-[66A]-[66A]	LTE B14	10	23330	793	QPSK	1	0	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	23.58	23.90

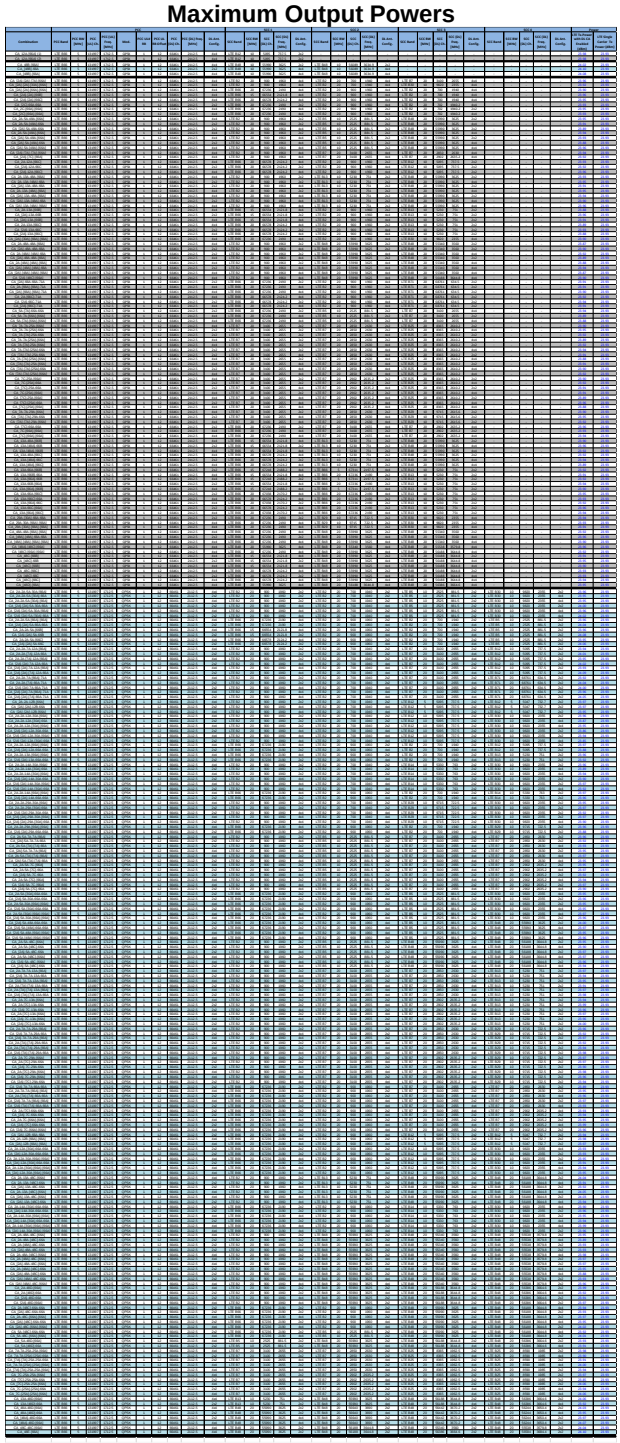
I.3.6 LTE Band 26 as PCC

Table I-19
Maximum Output Powers

Combination	PCC									SCC 1					Power	
	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[25A]-26A	LTE B26	15	26865	831.5	QPSK	1	74	8865	876.5	2x2	LTE B25	20	8365	1962.5	4x4	24.14	24.25
CA_26A-[41A]	LTE B26	15	26865	831.5	QPSK	1	74	8865	876.5	2x2	LTE B41	20	40620	2593	4x4	24.23	24.25

I.3.7 LTE Band 66 as PCC

Table I-20
Maximum Output Powers



I.3.8 LTE Band 25 as PCC

Table I-21
Maximum Output Powers

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_5A-[25A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.85	23.89
CA_12A-[25A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.87	23.89
CA_[25A]-26A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B26	15	8865	876.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.84	23.89
CA_25A-[41A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B41	20	40620	2593	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.84	23.89
CA_[25A]-41A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B41	20	40620	2593	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.84	23.89
CA_[25A]-[41A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B41	20	40620	2593	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.84	23.89
CA_25A-[41C]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B41	20	40620	2593	4x4	LTE B41	20	40422	2573.2	4x4	-	-	-	-	-	-	-	-	-	-	23.93	23.89
CA_[25A]-41C	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B41	20	40620	2593	2x2	LTE B41	20	40422	2573.2	2x2	-	-	-	-	-	-	-	-	-	-	23.86	23.89
CA_[25A]-[41C]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B41	20	40620	2593	4x4	LTE B41	20	40422	2573.2	4x4	-	-	-	-	-	-	-	-	-	-	23.88	23.89
CA_7A-7A-[25A]-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66536	2120	2x2	-	-	-	-	-	23.93	23.89
CA_7A-7A-[25A]-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66536	2120	4x4	-	-	-	-	-	23.91	23.89
CA_[7A]-[7A]-25A-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66536	2120	2x2	-	-	-	-	-	23.95	23.89
CA_[7A]-[7A]-[25A]-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66536	2120	4x4	-	-	-	-	-	23.94	23.89
CA_7C-25A-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B6	20	66536	2120	4x4	-	-	-	-	-	23.92	23.89
CA_7C-[25A]-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B6	20	66536	2120	4x4	-	-	-	-	-	23.95	23.89
CA_[7C]-25A-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B6	20	66536	2120	2x2	-	-	-	-	-	23.96	23.89
CA_7C-[25A]-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B6	20	66536	2120	4x4	-	-	-	-	-	23.95	23.89
CA_[7C]-25A-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B6	20	66536	2120	4x4	-	-	-	-	-	23.98	23.89
CA_[7C]-[25A]-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B6	20	66536	2120	2x2	-	-	-	-	-	24.02	23.89
CA_[7C]-[25A]-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B6	20	66536	2120	4x4	-	-	-	-	-	23.98	23.89
CA_25A-[41D]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B41	20	40422	2573.2	4x4	LTE B41	20	40620	2593	4x4	LTE B41	20	40818	2612.8	4x4	-	-	-	-	-	23.90	23.89
CA_[25A]-41D	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B41	20	40422	2573.2	2x2	LTE B41	20	40620	2593	2x2	LTE B41	20	40818	2612.8	2x2	-	-	-	-	-	23.92	23.89
CA_[25A]-[41D]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B41	20	40422	2573.2	4x4	LTE B41	20	40620	2593	4x4	LTE B41	20	40818	2612.8	4x4	-	-	-	-	-	23.94	23.89
CA_7A-7A-25A-25A-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	2x2	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66786	2145	4x4	23.93	23.89
CA_7A-7A-25A-[25A]-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66786	2145	2x2	23.94	23.89
CA_7A-7A-25A-[25A]-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66786	2145	4x4	23.98	23.89
CA_7A-7A-[25A]-[25A]-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B25	20	8590	1985	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66786	2145	2x2	23.96	23.89
CA_[7A]-[7A]-25A-25A-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66786	2145	2x2	23.99	23.89
CA_7A-7A-[25A]-[25A]-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B25	20	8590	1985	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2850	2630	2x2	LTE B66	20	66786	2145	4x4	23.98	23.89
CA_[7A]-[7A]-25A-25A-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66786	2145	4x4	23.86	23.89
CA_[7A]-[7A]-25A-[25A]-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66786	2145	2x2	23.88	23.89
CA_7C-25A-25A-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	2x2	LTE B7	20	3100	2655	2x2	LTE B7	20	2902	2635.2	2x2	LTE B66	20	66786	2145	4x4	23.90	23.89
CA_[7C]-25A-25A-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	LTE B66	20	66786	2145	2x2	23.91	23.89
CA_[7C]-25A-25A-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	2x2	LTE B25	20	8590	1985	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	LTE B66	20	66786	2145	2x2	23.90	23.89
CA_7C-[25A]-[25A]-66A	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B25	20	8590	1985	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2902	2635.2	2x2	LTE B66	20	66786	2145	2x2	23.88	23.89
CA_7C-[25A]-[25A]-[66A]	LTE B25	20	26140	1860	QPSK	1	99	8140	1940	4x4	LTE B25	20	8590	1985	4x4	LTE B7	20	3100	2655	2x2	LTE B7	20	2902	2635.2	2x2	LTE B66	20	66786	2145	4x4	23.91	23.89

I.3.9 LTE Band 30 as PCC

Table I-22
Maximum Output Powers

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[2A]-[2A]-[30A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	22.66	22.80
CA_2A-4A-5A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	2x2	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	22.62	22.80
CA_2A-[4A]-5A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	22.70	22.80
CA_[2A]-4A-5A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	22.73	22.80
CA_2A-[4A]-5A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	22.65	22.80
CA_[2A]-4A-5A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	22.66	22.80
CA_[2A]-[4A]-5A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	22.73	22.80
CA_[2A]-[4A]-5A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	22.65	22.80
CA_2A-4A-12A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	2x2	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	22.71	22.80
CA_2A-[4A]-12A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	22.71	22.80
CA_[2A]-4A-12A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	22.76	22.80
CA_2A-[4A]-12A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	22.66	22.80
CA_[2A]-4A-12A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	22.69	22.80
CA_[2A]-[4A]-12A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	22.72	22.80
CA_[2A]-[4A]-12A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	22.73	22.80
CA_2A-4A-29A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	2x2	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	22.67	22.80
CA_2A-[4A]-29A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	22.91	22.80
CA_[2A]-4A-29A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	22.94	22.80
CA_2A-[4A]-29A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B4	20	2175	2132.5	4x4	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	22.66	22.80
CA_[2A]-4A-29A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	2x2	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	22.69	22.80
CA_[2A]-[4A]-29A-30A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	22.92	22.80
CA_[2A]-[4A]-29A-[30A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	22.71	22.80
CA_[2A]-[30A]-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	22.74	22.80
CA_29A-[30A]-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	-	-	-	-	-	22.92	22.80
CA_29A-30A-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	22.90	22.80
CA_29A-[30A]-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	22.87	22.80
CA_2A-2A-5A-30A-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	22.84	22.80
CA_2A-2A-5A-[30A]-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	2x2	22.83	22.80
CA_2A-2A-5A-[30A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	22.88	22.80
CA_[2A]-[2A]-5A-30A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	2x2	22.81	22.80
CA_[2A]-[2A]-5A-30A-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	22.82	22.80
CA_[2A]-[2A]-5A-[30A]-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	2x2	22.80	22.80
CA_2A-2A-12A-30A-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	22.75	22.80
CA_2A-2A-12A-[30A]-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	2x2	22.87	22.80
CA_2A-2A-12A-[30A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	22.93	22.80
CA_[2A]-[2A]-12A-30A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	2x2	22.79	22.80
CA_[2A]-[2A]-12A-30A-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	22.83	22.80
CA_[2A]-[2A]-12A-[30A]-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	2x2	22.87	22.80
CA_2A-2A-14A-30A-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	4x4	22.80	22.80
CA_2A-2A-14A-[30A]-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	2x2	22.86	22.80
CA_2A-2A-14A-[30A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	4x4	22.89	22.80
CA_[2A]-[2A]-14A-30A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	2x2	22.80	22.80
CA_[2A]-[2A]-14A-30A-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	4x4	22.81	22.80
CA_[2A]-[2A]-14A-[30A]-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	2x2	22.87	22.80
CA_2A-2A-29A-30A-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	4x4	22.80	22.80
CA_2A-2A-29A-[30A]-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B2	20	700	1940	2x2	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	2x2	22.84	22.80
CA_[2A]-[2A]-29A-30A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	2x2	22.85	22.80
CA_[2A]-[2A]-29A-30A-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	4x4	22.91	22.80
CA_[2A]-[2A]-29A-[30A]-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	2x2	22.91	22.80
CA_2A-5A-[30A]-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.89	22.80
CA_[2A]-5A-30A-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.90	22.80
CA_2A-5A-30A-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.83	22.80
CA_[2A]-5A-[30A]-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.79	22.80
CA_2A-5A-[30A]-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.83	22.80
CA_[2A]-5A-30A-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.87	22.80
CA_2A-12A-[30A]-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.79	22.80
CA_[2A]-12A-30A-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.91	22.80
CA_2A-12A-30A-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.92	22.80
CA_[2A]-12A-[30A]-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.80	22.80
CA_2A-12A-[30A]-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.82	22.80
CA_[2A]-12A-30A-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.97	22.80
CA_2A-14A-[30A]-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.81	22.80
CA_[2A]-14A-30A-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.87	22.80
CA_2A-14A-30A-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	2x2	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.90	22.80
CA_[2A]-14A-[30A]-66A-66A	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	2x2	LTE B66	20	67236	2190	2x2	22.81	22.80
CA_2A-14A-[30A]-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE B2	20	900	1960	2x2	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.81	22.80
CA_[2A]-14A-30A-[66A]-[66A]	LTE B30	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE B2	20	900	1960	4x4	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	22.92	22.80

I.3.10 LTE Band 41 as PCC

Table I-23
Maximum Output Powers

	PCC										SCC 1					Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[41A]-41A (1)	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	2x2	LTE B41	20	41490	2680	4x4	24.00	24.02
CA_[41A]-41A	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	2x2	LTE B41	20	41490	2680	4x4	24.03	24.02
CA_41A-[41A]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	41490	2680	2x2	24.00	24.02
CA_[41A]-[41A] (1)	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	41490	2680	4x4	23.97	24.02
CA_41A-[41C]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	2x2	LTE B41	20	41292	2660.2	4x4	23.72	24.02
CA_[41C]-41A	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	40356	2566.6	4x4	24.00	24.02
CA_[41A]-41C	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	41292	2660.2	2x2	23.96	24.02
CA_41C-[41A]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	2x2	LTE B41	20	40356	2566.6	2x2	23.73	24.02
CA_[41A]-[41C]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	41292	2660.2	4x4	23.98	24.02
CA_[41C]-[41A]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	40356	2566.6	4x4	23.96	24.02
CA_[41D]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	40356	2566.6	4x4	24.01	24.02

I.3.11 LTE Band 48 as PCC

Table I-24
Maximum Output Powers

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[48B]	LTE B48	10	55757	3601.7	QPSK	1	0	55757	3601.7	4x4	LTE B48	10	55856	3611.6	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.15	23.24
CA_48A-[48D]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	55340	3560	4x4	LTE B48	20	55538	3579.8	4x4	LTE B48	20	55736	3599.6	4x4	-	-	-	-	-	23.32	23.24
CA_[48D]-48A	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55917	3617.7	4x4	LTE B48	20	56640	3690	2x2	-	-	-	-	-	23.26	23.24
CA_[48A]-48D	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	55340	3560	2x2	LTE B48	20	55538	3579.8	2x2	LTE B48	20	55736	3599.6	2x2	-	-	-	-	-	23.29	23.24
CA_48D-[48A]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	56115	3637.5	2x2	LTE B48	20	55917	3617.7	2x2	LTE B48	20	56640	3690	4x4	-	-	-	-	-	23.08	23.24
CA_[48A]-[48D]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	55340	3560	4x4	LTE B48	20	55538	3579.8	4x4	LTE B48	20	55736	3599.6	4x4	-	-	-	-	-	23.22	23.24
CA_[48D]-[48A]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55917	3617.7	4x4	LTE B48	20	56640	3690	4x4	-	-	-	-	-	23.21	23.24
CA_[48C]-[48C]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55340	3560	4x4	LTE B48	20	55538	3579.8	4x4	-	-	-	-	-	23.19	23.24
CA_[48E]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55917	3617.7	4x4	LTE B48	20	55719	3597.9	4x4	-	-	-	-	-	23.22	23.24
CA_[48A]-48E	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	55340	3560	2x2	LTE B48	20	55538	3579.8	2x2	LTE B48	20	55736	3599.6	2x2	LTE B48	20	55934	3619.4	2x2	23.15	23.24
CA_48E-[48A]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	56115	3637.5	2x2	LTE B48	20	55917	3617.7	2x2	LTE B48	20	56638	3589.8	2x2	LTE B48	20	56640	3690	4x4	23.17	23.24
CA_48C-[48D]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	56115	3637.5	2x2	LTE B48	20	55340	3560	4x4	LTE B48	20	55538	3579.8	4x4	LTE B48	20	55736	3599.6	4x4	23.15	23.24
CA_[48D]-48C	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55917	3617.7	4x4	LTE B48	20	56640	3690	2x2	LTE B48	20	56442	3670.2	2x2	23.19	23.24
CA_[48C]-48D	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55340	3560	2x2	LTE B48	20	55538	3579.8	2x2	LTE B48	20	55736	3599.6	2x2	23.16	23.24
CA_48D-[48C]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	56115	3637.5	2x2	LTE B48	20	55917	3617.7	2x2	LTE B48	20	56640	3690	4x4	LTE B48	20	56442	3670.2	4x4	23.17	23.24

APPENDIX J: IEEE 802.11 RU SAR EXCLUSION

J.1 IEEE 802.11ax RU SAR Exclusion

To make the most efficient use of the additional available subcarriers (data tones), IEEE 802.11ax can utilize Orthogonal Frequency-Division Multiple Access (OFDMA) which divides the existing 802.11 channels into smaller subchannels called Resource Units (RUs). Possible RU sizes are: 26T, 52T, 106T, 242T, 484T, 996T and 996Tx2.

Per FCC Guidance, 802.11ax was considered a higher order 802.11 mode when compared to a/b/g/n/ac to apply KDB Publication 248227 D01v02r02 for OFDM mode selection. Therefore, SAR tests were not required for 802.11ax based on the maximum allowed output powers of OFDM modes and the reported SAR values. Per FCC Guidance, maximum conducted powers were performed for each RU size to demonstrate that the output powers would not be higher than the other OFDM 802.11 modes.

Note: Targets for 6GHz are applicable for both SP and LPI.

J.2 IEEE 802.11ax RU Target Powers

J.2.1 Maximum 802.11ax RU WLAN Output Power – 2.4/5 GHz WLAN

Tones		SISO (WIFI ANT0/ WIFI ANT1) /in dBm					MIMO (ALL) /in dBm				
		2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz	2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz
26T	Maximum	12	6	6	6	3.5	15	9	9	9	6.5
	Nominal	11	5	5	5	2.5	14	8	8	8	5.5
52T	Maximum	14	6	6	6	6	17	9	9	9	9
	Nominal	13	5	5	5	5	16	8	8	8	8
106T	Maximum	15	6	6	6	6	18	9	9	9	9
	Nominal	14	5	5	5	5	17	8	8	8	8
242T	Maximum	15	11	11	11	11	18	14	14	14	14
	Nominal	14	10	10	10	10	17	13	13	13	13
484T	Maximum			11	11	11			14	14	14
	Nominal			10	10	10			13	13	13
996T	Maximum				11	11				14	14
						Ch. 50: 8.5					Ch. 50: 11.5
	Nominal				10	10				13	13
						Ch. 50: 7.5					Ch. 50: 10.5
996T*2	Maximum					11					14
						Ch. 50: 10.0					Ch. 50: 13.0
	Nominal					10					13
						Ch. 50: 9.0					Ch. 50: 12.0

J.2.2 Reduced 802.11ax RU WLAN Output Power with Grip Sensor Active – 2.4/5 GHz WLAN

Tones		SISO (WIFI ANT0/ WIFI ANT1) /in dBm					MIMO (ALL) /in dBm				
		2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz	2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz
26T	Maximum	12	6	6	6	3.5	15	9	9	9	6.5
	Nominal	11	5	5	5	2.5	14	8	8	8	5.5
52T	Maximum	12	6	6	6	6	15	9	9	9	9
	Nominal	11	5	5	5	5	14	8	8	8	8
106T	Maximum	12	6	6	6	6	15	9	9	9	9
	Nominal	11	5	5	5	5	14	8	8	8	8
242T	Maximum	12	8	8	8	8	15	11	11	11	11
	Nominal	11	7	7	7	7	14	10	10	10	10
484T	Maximum			8	8	8			11	11	11
	Nominal			7	7	7			10	10	10
996T	Maximum				8	8				11	11
	Nominal				7	7				10	10
996T*2	Maximum					8					11
	Nominal					7					10

J.2.3 Reduced 802.11ax RU WLAN Output Power with RSDB Active and/or 5G NR Active – 2.4/5 GHz WLAN

Tones		SISO (WIFI ANT0/ WIFI ANT1) /in dBm					MIMO (ALL) /in dBm				
		2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz	2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz
26T	Maximum	11	6	6	6	3.5	14	9	9	9	6.5
	Nominal	10	5	5	5	2.5	13	8	8	8	5.5
52T	Maximum	11	6	6	6	6	14	9	9	9	9
	Nominal	10	5	5	5	5	13	8	8	8	8
106T	Maximum	11	6	6	6	6	14	9	9	9	9
	Nominal	10	5	5	5	5	13	8	8	8	8
242T	Maximum	11	6.5	6.5	6.5	6.5	14	9.5	9.5	9.5	9.5
	Nominal	10	5.5	5.5	5.5	5.5	13	8.5	8.5	8.5	8.5
484T	Maximum			6.5	6.5	6.5			9.5	9.5	9.5
	Nominal			5.5	5.5	5.5			8.5	8.5	8.5
996T	Maximum				6.5	6.5				9.5	9.5
	Nominal				5.5	5.5				8.5	8.5
996T *2	Maximum					6.5					9.5
	Nominal					5.5					8.5

J.2.4 Maximum 802.11ax RU WLAN Output Power - 6 GHz WLAN

Mode		IEEE 802.11ax RU (in dBm)						
		SISO / SISO in MIMO						
		26T	52T	106T	242T	484T	996T	996T*2
6 GHz WIFI (20MHz BW)	Maximum	1.0	4.0	7.0	10.0			
	Nominal	0.0	3.0	6.0	9.0			
6 GHz WIFI (40MHz BW)	Maximum	1.0	4.0	7.0	10.0	10.0		
	Nominal	0.0	3.0	6.0	9.0	9.0		
6 GHz WIFI (80MHz BW)	Maximum	1.0	4.0	7.0	10.0	10.0	10.0	
	Nominal	0.0	3.0	6.0	9.0	9.0	9.0	
6 GHz WIFI (160MHz BW)	Maximum	1.0	4.0	7.0	10.0	10.0	10.0	10.0
	Nominal	0.0	3.0	6.0	9.0	9.0	9.0	9.0

J.2.5 Reduced 802.11ax RU WLAN Output Power with Grip Sensor Active - 6 GHz WLAN

Mode		IEEE 802.11ax RU (in dBm)						
		SISO / SISO in MIMO						
		26T	52T	106T	242T	484T	996T	996T*2
6 GHz WIFI (20MHz BW)	Maximum	1.0	4.0	6.5	6.5			
	Nominal	0.0	3.0	5.5	5.5			
6 GHz WIFI (40MHz BW)	Maximum	1.0	4.0	6.5	6.5	6.5		
	Nominal	0.0	3.0	5.5	5.5	5.5		
6 GHz WIFI (80MHz BW)	Maximum	1.0	4.0	6.5	6.5	6.5	6.5	
	Nominal	0.0	3.0	5.5	5.5	5.5	5.5	
6 GHz WIFI (160MHz BW)	Maximum	1.0	4.0	6.5	6.5	6.5	6.5	6.5
	Nominal	0.0	3.0	5.5	5.5	5.5	5.5	5.5

J.2.6 Reduced 802.11ax RU WLAN Output Power with 2.4 GHz WLAN Active and/or 5G NR Active - 6 GHz WLAN

Mode		IEEE 802.11ax RU (in dBm)						
		SISO / SISO in MIMO						
		26T	52T	106T	242T	484T	996T	996T*2
6 GHz WIFI (20MHz BW)	Maximum	1.0	2.5	2.5	2.5			
	Nominal	0.0	1.5	1.5	1.5			
6 GHz WIFI (40MHz BW)	Maximum	1.0	2.5	2.5	2.5	2.5		
	Nominal	0.0	1.5	1.5	1.5	1.5		
6 GHz WIFI (80MHz BW)	Maximum	1.0	2.5	2.5	2.5	2.5	2.5	
	Nominal	0.0	1.5	1.5	1.5	1.5	1.5	
6 GHz WIFI (160MHz BW)	Maximum	1.0	2.5	2.5	2.5	2.5	2.5	2.5
	Nominal	0.0	1.5	1.5	1.5	1.5	1.5	1.5