

APPENDIX D: SAR TISSUE SPECIFICATIONS

Measurement Procedure for Tissue verification:

- 1) The network analyzer and probe system was configured and calibrated.
- 2) The probe was immersed in the tissue. The tissue was placed in a nonmetallic container. Trapped air bubbles beneath the flange were minimized by placing the probe at a slight angle.
- 3) The complex admittance with respect to the probe aperture was measured
- 4) The complex relative permittivity ϵ' can be calculated from the below equation (Pournaropoulos and Misra):

$$Y = \frac{j2\omega\epsilon_r\epsilon_0}{[\ln(b/a)]^2} \int_a^b \int_a^b \int_0^\pi \cos\phi' \frac{\exp[-j\omega r(\mu_0\epsilon_r'\epsilon_0)^{1/2}]}{r} d\phi' d\rho' d\rho$$

where Y is the admittance of the probe in contact with the sample, the primed and unprimed coordinates refer to source and observation points, respectively, $r^2 = \rho^2 + \rho'^2 - 2\rho\rho'\cos\phi'$, ω is the angular frequency, and $j = \sqrt{-1}$.

3 Composition / Information on ingredients

3.2 Mixtures

Description: Aqueous solution with surfactants and inhibitors

Declarable, or hazardous components:

CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28-0000	Ethanediol STOT RE 2, H373; Acute Tox. 4, H302	>1.0-4.9%
CAS: 68608-26-4 EINECS: 271-781-5 Reg.nr.: 01-2119527859-22-0000	Sodium petroleum sulfonate Eye Irrit. 2, H319	< 2.9%
CAS: 107-41-5 EINECS: 203-489-0 Reg.nr.: 01-2119539582-35-0000	Hexylene Glycol / 2-Methyl-pentane-2,4-diol Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.9%
CAS: 68920-66-1 NLP: 500-236-9 Reg.nr.: 01-2119489407-26-0000	Alkoxyated alcohol, > C₁₆ Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.0%

Additional information:

For the wording of the listed risk phrases refer to section 16.

Not mentioned CAS-, EINECS- or registration numbers are to be regarded as Proprietary/Confidential.

The specific chemical identity and/or exact percentage concentration of proprietary components is withheld as a trade secret.

Figure D-1

Note: Liquid recipes are proprietary SPEAG. Since the composition is approximate to the actual liquids utilized, the manufacturer tissue-equivalent liquid data sheets are provided below.

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Measurement Certificate / Material Test

Item Name **Head Tissue Simulating Liquid (HBBL600-10000V6)**
Product No. **SL AAH U16 BC (Batch: 240521-1)**
Manufacturer **SPEAG**

Measurement Method

TSL dielectric parameters measured using calibrated DAK probe.

Target Parameters

Target parameters as defined in the IEEE 1528 and IEC 62209 compliance standards.

Test Condition

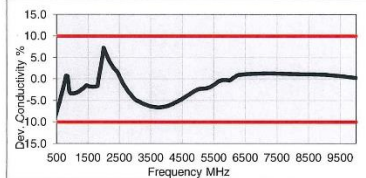
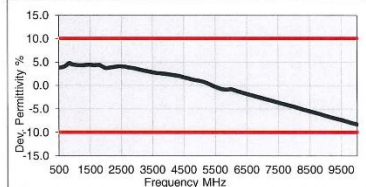
Ambient Condition **22°C ; 30% humidity**
TSL Temperature **22°C**
Test Date **22-May-24**
Operator **CL**

Additional Information

TSL Density
TSL Heat-capacity

Results

f [MHz]	Measured			Target		Diff.to Target [%]	
	e'	e''	sigma	eps	sigma	Δ-eps	Δ-sigma
600	44.4	25.1	0.84	42.7	0.88	3.9	-4.7
750	43.8	21.2	0.89	41.9	0.89	4.4	-0.4
800	43.6	20.3	0.90	41.7	0.90	4.6	0.3
825	43.6	19.9	0.91	41.6	0.91	4.8	0.4
835	43.6	19.7	0.92	41.5	0.91	4.9	0.9
850	43.5	19.5	0.92	41.5	0.92	4.8	0.4
900	43.4	18.8	0.94	41.5	0.97	4.6	-3.1
1400	42.4	14.9	1.16	40.6	1.18	4.5	-1.6
1450	42.3	14.7	1.18	40.5	1.20	4.4	-1.7
1600	42.1	14.2	1.26	40.3	1.28	4.4	-1.9
1625	42.1	14.1	1.28	40.3	1.30	4.5	-1.4
1640	42.1	14.1	1.29	40.3	1.31	4.6	-1.2
1650	42.0	14.0	1.29	40.2	1.31	4.4	-1.8
1700	41.9	13.9	1.32	40.2	1.34	4.3	-1.6
1750	41.8	13.8	1.35	40.1	1.37	4.3	-1.5
1800	41.8	13.7	1.38	40.0	1.40	4.5	-1.4
1810	41.8	13.7	1.39	40.0	1.40	4.5	-0.7
1825	41.8	13.7	1.40	40.0	1.40	4.5	0.0
1850	41.7	13.7	1.41	40.0	1.40	4.3	0.7
1900	41.6	13.6	1.44	40.0	1.40	4.0	2.9
1950	41.5	13.5	1.47	40.0	1.40	3.8	5.0
2000	41.5	13.5	1.50	40.0	1.40	3.8	7.1
2050	41.4	13.5	1.54	39.9	1.44	3.7	6.6
2100	41.3	13.4	1.57	39.8	1.49	3.7	5.4
2150	41.3	13.4	1.60	39.7	1.53	3.9	4.3
2200	41.2	13.4	1.64	39.6	1.58	3.9	3.9
2250	41.1	13.4	1.68	39.6	1.62	3.9	3.6
2300	41.0	13.4	1.71	39.5	1.67	3.9	2.6
2350	41.0	13.4	1.75	39.4	1.71	4.1	2.3
2400	40.9	13.4	1.79	39.3	1.76	4.1	2.0
2450	40.8	13.4	1.83	39.2	1.80	4.1	1.7
2500	40.7	13.4	1.87	39.1	1.85	4.0	0.8
2550	40.7	13.4	1.91	39.1	1.91	4.2	0.0
2600	40.6	13.5	1.95	39.0	1.96	4.1	-0.7



3500	39.0	14.0	2.73	37.9	2.91	2.8	-6.4
3700	38.7	14.1	2.91	37.7	3.12	2.6	-6.6
5200	36.2	15.7	4.55	36.0	4.66	0.6	-2.2
5250	36.1	15.8	4.60	35.9	4.71	0.4	-2.2
5300	36.0	15.8	4.66	35.9	4.76	0.3	-2.1
5500	35.5	16.0	4.89	35.6	4.96	-0.3	-1.4
5600	35.3	16.1	5.02	35.5	5.07	-0.6	-0.9
5700	35.1	16.2	5.15	35.4	5.17	-0.8	-0.4
5800	35.0	16.3	5.26	35.3	5.27	-0.9	-0.3
6000	34.8	16.3	5.46	35.1	5.48	-0.8	-0.4
6500	33.8	17.0	6.14	34.5	6.07	-1.8	1.1
7000	33.0	17.3	6.73	33.9	6.65	-2.7	1.3
7500	32.1	17.6	7.33	33.3	7.24	-3.6	1.3
8000	31.2	17.8	7.93	32.7	7.84	-4.6	1.2
8500	30.4	18.1	8.54	32.1	8.45	-5.5	1.1
9000	29.5	18.3	9.17	31.5	9.08	-6.4	1.0
9500	28.7	18.5	9.78	31.0	9.71	-7.4	0.7
10000	27.9	18.7	10.38	30.4	10.36	-8.3	0.2

Figure D-2
600 – 10000 MHz Head Tissue Equivalent Matter

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APPENDIX E: MULTI-TX AND ANTENNA SAR CONSIDERATIONS

E.1 Introduction

The following procedures adopted from FCC KDB Publication 447498 D04v01 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 D04v01 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 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.

MediaTek TAS (TA-SAR/TA-PD) current implementation assumes hotspots from sub6 (UMTS/LTE/5G NR FR1) radios and 5G NR FR2. Therefore, for a total of 100% exposure margin, if sub6 radios uses x , then the exposure margin left for 5G NR FR2 is capped to y . Thus, the compliance equation for sub6 + 5G NR FR2 + WLAN + BT is

$$\begin{aligned}x * A + y * B + m &\leq 1 \\x + y &= g \leq 1 \\g + m &\leq 1\end{aligned}$$

Where, A is normalized reported time-averaged SAR exposure ratio from sub6, and $A \leq 1.0$; B is normalized reported time-averaged exposure ratio from 5G NR FR2, and $B \leq 1.0$. Let m = normalized reported time-averaged SAR exposure ratio from WLAN + BT, then for compliance

$$\begin{aligned}x * A + y * B + m &\leq 1 \quad (1) \\x * A + y * B &\leq x * \max(A, B) + (g - x) * \max(A, B) \leq \max(A, B) \\x * A + (g - x) * B + m &\leq \max(A, B) + m \leq 1.0 \quad (2)\end{aligned}$$

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 sub6 + 5G NR FR2 + WLAN + BT can be performed in two steps.

Step 1: Prove total exposure ratio (TER) of sub6 + WLAN + BT < 1

Step 2: Prove total exposure ratio (TER) of 5G NR FR2 + 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 and notes i and ii are covered in the Part 1 report.

This device does not support 5G NR FR2 so the above equations can be reduced to only step 1, prove the TER of sub6 + WLAN/BT < 1 .

This device supports two antenna groups, AG0 and AG1 with WLAN and Bluetooth operations supported outside of the MediaTek TAS (TA-SAR/TA-PD) feature. The simultaneous transmission analysis is performed per antenna groups. Below analysis demonstrates the mutually exclusive operation of AG0 and AG1, and the

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compliance between each antenna group and non-TAS radios. Since WLAN/BT does not employ time-averaging algorithm, 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.

When operating in the same antenna group, the compliance under dynamic transmission condition, including all supported simultaneous transmission scenarios, should be assessed and demonstrated in the Part 2 Report during algorithm validation. Therefore, no further simultaneous analysis is needed within an antenna group.

Based on Mediatek's guidance and documentation, the TA-SAR Gen2 algorithm ensures compliance with time-averaged RF exposure limits and operates independently of the SAR source, including LTE and NR FR1 combinations. Scenario 4.9 in Part 2 testing confirms the algorithm's control during transitions between radio 1 only, radio 1 + radio 2, and radio 2 only.

Antennas are grouped by SAR-to-Peak Location Separation Ratio (SPLSR), and SAR values within the same group are summed to assess Total Exposure Ratio (TER) compliance. The algorithm applies SPLSR grouping to maintain consistent exposure control across all active radios.

These evaluations, along with this documentation, sufficiently address worst-case simultaneous transmission cases, including AG0 + AG1 + WLAN/BT, therefore, no additional evaluation is required.

E.3 Exposure Ratios

Exposure ratio (ER) for different transmitters is calculated as following:

$$ER_{SAR,n} = \frac{SAR_n}{SAR_{limit}}$$

Where:

- SAR_n is the SAR value for the n -th transmitter/test frequency
- SAR_{limit} is the basic restriction limit that is applicable to the n -th transmitter/test frequency

Compliance with the SAR based RF exposure limits is achieved if $TER_{SAR} \leq 1$. When $TER_{SAR} > 1$, SPLSR is additionally evaluated per below equation:

$$SPLSR = \frac{(ER_j + ER_k)^{1.5}}{R}$$

Where:

- ER_j and ER_k are exposure ratio of transmitter j and k
- R is the distance between transmitter j and k

When SPLSR is ≤ 0.02 for 1g exposure conditions or SPLSR is ≤ 0.013 for 10g exposure conditions simultaneous SAR evaluation is not required.

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E.4 Tablet Simultaneous Analysis

Table E-1
WWAN Highest ER

AG0 Ratio to Limit							AG1 Ratio to Limit								
Body	Configuration	M1 ECI = 0	M4 ECI = 0	M1 ECI = 2/3	M4 ECI = 3	Max	Body	Configuration	S1	S2 All ECI	S3 All ECI	S4	S1	S4	Max
	Back	0.324	0.012	0.397	0.086	0.397		Back	0.029	0.454	0.403	0.081	0.021	0.429	0.454
	Top	0.558	0.004	0.557	0.049	0.558		Top	0.000	0.000	0.001	0.050	-	-	0.050
	Bottom	0.074	0.001	-	-	0.074		Bottom	0.034	0.624	0.291	0.042	0.126	0.126	0.624
	Right	0.168	0.049	0.251	0.401	0.401		Right	0.000	0.105	0.013	0.437	-	0.561	0.561
	Left	0.422	0.000	-	-	0.422		Left	0.006	0.001	0.141	0.015	0.218	-	0.218

Table E-2
Simultaneous Transmission Scenarios for WLAN/BT

Configuration	2.4 GHz WLAN Ant WiFi 0 Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 at 11.5 dBm Ratio to Limit	2.4 GHz WLAN Ant WiFi 0 Worst Case Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 at 11.5 dBm Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 at 8 dBm Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 Worst Case SAR (W/kg)	2.4 GHz WLAN MIMO at 14.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO at 11 dBm Ratio to Limit	2.4 GHz WLAN Worst Case SAR (W/kg)	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 at 4.5 dBm Ratio to Limit	5 GHz WLAN Ant WiFi 1 Worst Case SAR (W/kg)	5 GHz WLAN MIMO at 10 dBm Ratio to Limit	5 GHz WLAN MIMO at 7 dBm Ratio to Limit	5 GHz WLAN Worst Case SAR (W/kg)	6 GHz WLAN Ant WiFi 0 Ratio to Limit	6 GHz WLAN Ant WiFi 0 at 6 dBm Ratio to Limit	6 GHz WLAN Ant WiFi 1 at 6 dBm Ratio to Limit	6 GHz WLAN Ant WiFi 1 Worst Case SAR (W/kg)	6 GHz WLAN MIMO at 9 dBm Ratio to Limit	6 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 9.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 1 Worst Case SAR (W/kg)	2.4 GHz Bluetooth Ant WiFi 1 Worst Case SAR (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c	5a	5b	5c	6a	6b	6c	7a	7b	7c	8a	8b	8c	9a	9b	9c	10a	10b	10c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Back	0.004	0.511	0.511	0.046	0.319	0.157	0.319	0.001	0.528	0.176	0.528	0.065	0.539	0.259	0.062	0.353	0.353	0.353	0.003	0.494	0.188	0.494	0.019	0.133	0.133	0.033	0.156	0.156	0.003	0.148	0.148	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Values with * were tested at a higher, more conservative power level
Configurations labeled as “Worst Case” represent the maximum values between grip sensor inactive and active

Table E-3
WWAN Simultaneous Sums

Body		Configuration	AG0 Ratio to Limit	AG1 Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit	AG0 + AG1 + WLAN/BT Ratio to Limit
Back		0.397	0.454	0.590	See Table Below	
Top		0.558	0.050	0.386	0.994	
Bottom		0.074	0.624	0.123	0.821	
Right		0.401	0.561	0.638	See Table Below	
Left		0.422	0.218	0.607	See Table Below	

Back									
Bottom Set			Top Set					Bottom Set + Top Set Ratio to Limit	SPLSR
AG1			AG0			WLAN/BT Worst Case			
Antenna	Ratio to Limit	Position	Antenna	Ratio to Limit	Position	Ratio to Limit	Position		
S1	0.029	-120.5	M1	0.397	123.7	0.590	108.7	See Note 2	0.00
S1	0.029	N/A	M4	0.086	N/A	0.590	N/A	0.705	N/A
S2	0.454	-132.3	M1	0.392	123.7	0.590	108.7	See Note 2	0.01
S2	0.454	-132.3	M4	0.086	151.1	0.590	108.7	See Note 2	0.00
S3	0.403	-123.7	M1	0.392	123.7	0.590	108.7	See Note 2	0.01
S3	0.403	-123.7	M4	0.086	151.1	0.590	108.7	See Note 2	0.00
S4	0.429	-138.8	M1	0.392	123.7	0.590	108.7	See Note 2	0.01
S4	0.429	-138.8	M4	0.086	151.1	0.590	108.7	See Note 2	0.00

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Right Edge									
Bottom Set			Top Set					Bottom Set + Top Set Ratio to Limit	SPLSR
AG1			AG0			WLAN/BT Worst Case			
Antenna	Ratio to Limit	Position	Antenna	Ratio to Limit	Position	Ratio to Limit	Position		
S1	0.000	N/A	M1	0.251	N/A	0.556	N/A	0.807	N/A
S1	0.000	N/A	M4	0.401	N/A	0.556	N/A	0.957	N/A
S2	0.105	N/A	M1	0.251	N/A	0.556	N/A	0.912	N/A
S2	0.105	22.4	M4	0.401	-110.7	0.556	-111.8	See Note 2	0.01
S3	0.013	N/A	M1	0.251	N/A	0.556	N/A	0.82	N/A
S3	0.013	N/A	M4	0.401	N/A	0.556	N/A	0.97	N/A
S4	0.561	114.0	M1	0.251	-117.3	0.556	-111.8	See Note 2	0.01
S4	0.561	114.0	M4	0.401	-110.7	0.556	-111.8	See Note 2	0.01
Left Edge									
Bottom Set			Top Set					Bottom Set + Top Set Ratio to Limit	SPLSR
AG1			AG0			WLAN/BT Worst Case			
Antenna	Ratio to Limit	Position	Antenna	Ratio to Limit	Position	Ratio to Limit	Position		
S1	0.218	-115.1	M1	0.422	110.6	0.607	112	See Note 2	0.01
S1	0.218	N/A	M4	0.000	N/A	0.607	N/A	0.825	N/A
S2	0.001	-128	M1	0.422	110.6	0.607	112	See Note 2	0.00
S2	0.001	N/A	M4	0.000	N/A	0.607	N/A	0.608	N/A
S3	0.141	-108.5	M1	0.422	110.6	0.607	112	See Note 2	0.01
S3	0.141	N/A	M4	0.000	N/A	0.607	N/A	0.748	N/A
S4	0.015	-128	M1	0.422	110.6	0.607	112	See Note 2	0.00
S4	0.015	N/A	M4	0.000	N/A	0.607	N/A	0.622	N/A

Notes:

1. For all combinations where the TER sum of AG0+AG1 + WLAN/BT is not greater than 1, there's no further analysis required for compliance demonstration.
2. No evaluation was performed to determine the TER for these configurations as the SPLSR ratio between the antenna pairs was not greater than 0.02 per FCC KDB 447498 D04v01. Please see the Highest Report ER and Hotspot Location Section for Y-axis peak locations

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E.5 Laptop SAR Analysis

Table E-4
Licensed Band Highest ER

AG0 Ratio to Limit					AG1 Ratio to Limit						
Body	Configuration	M1	M4	Max	Body	Configuration	S1	S2	S3	S4	Max
	Bottom	0.106	0.000	0.106		Bottom	0.012	0.000	0.141	0.002	0.141

Table E-5
Simultaneous Transmission Scenarios for WLAN/BT

Configuration	Configuration																								
	2.4 GHz WLAN Ant WiFi 0 Ratio to Limit	2.4 GHz WLAN Ant WiFi 0 at 11.5 dBm Ratio to Limit	2.4 GHz WLAN Ant WiFi 0 Worst Case Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 Ratio to Limit	2.4 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO at 14.5 dBm Ratio to Limit	2.4 GHz WLAN MIMO Worst Case 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 0 Worst Case Ratio to Limit	5 GHz WLAN Ant WiFi 1 Ratio to Limit	5 GHz WLAN MIMO Ratio to Limit	5 GHz WLAN MIMO at 10 dBm Ratio to Limit	5 GHz WLAN MIMO Worst Case Ratio to Limit	6 GHz WLAN Ant WiFi 0 Ratio to Limit	6 GHz WLAN Ant WiFi 0 at 6 dBm Ratio to Limit	6 GHz WLAN Ant WiFi 0 Worst Case Ratio to Limit	6 GHz WLAN Ant WiFi 1 Ratio to Limit	6 GHz WLAN MIMO Ratio to Limit	6 GHz WLAN MIMO at 9 dBm Ratio to Limit	6 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 at 9.5 dBm Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 1 Ratio to Limit
	1a	1b	1c	2a	3a	3b	3d	4a	4b	4c	5a	6a	6b	6d	7a	7b	7c	8a	9a	9b	9c	10a	10b	10c	11a
Bottom	0.135	0.207	0.207	0.003	0.157	0.216	0.216	0.125	0.138	0.138	0.016	0.148	0.153	0.153	0.031	0.035	0.035	0.004	0.038	0.039	0.039	0.054	0.081	0.081	0.000
Configuration	Configuration																								
	2.4 GHz Bluetooth Ant WiFi 1 Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 1 + 6 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 1 + 5 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Worst Case + 6 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Worst Case + 5 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz WLAN MIMO Worst Case + 6 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz WLAN MIMO Worst Case + 5 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz WLAN MIMO Worst Case Ratio to Limit	6 GHz WLAN MIMO Worst Case Ratio to Limit	5 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Worst Case + 2.4 GHz WLAN Ant WiFi 1 + 6 GHz WLAN Ant WiFi 0 Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Worst Case + 2.4 GHz WLAN Ant WiFi 1 + 5 GHz WLAN MIMO Worst Case Ratio to Limit	2.4 GHz Bluetooth Ant WiFi 0 Worst Case + 2.4 GHz WLAN Ant WiFi 1 Ratio to Limit	2.4 GHz WLAN Ant WiFi 0 Worst Case Ratio to Limit	2.4 GHz WLAN Ant WiFi 1 Ratio to Limit	5 GHz WLAN Ant WiFi 0 Worst Case Ratio to Limit	5 GHz WLAN Ant WiFi 1 Ratio to Limit	6 GHz WLAN Ant WiFi 0 Worst Case Ratio to Limit	6 GHz WLAN Ant WiFi 1 Ratio to Limit	6 GHz WLAN Ant WiFi 1 Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit		
	11a+9c	11a+6d	11a+6d	10c	10c+9c	10c+6d	3d+9c	3d+6d	3d	9c	6d	10c+2a+7c	10c+2a+6c	10c+2a+7c	10c+2a+6c	10c+2a+6c	2a	2a	4c	5a	7c	8a			
Bottom	0.000	0.039	0.153	0.081	0.120	0.234	0.255	0.369	0.216	0.039	0.153	0.119	0.237	0.084	0.207	0.003	0.138	0.016	0.016	0.004	0.369				

Configurations labeled as “Worst Case” represent the maximum values of grip sensor active and inactive.

Table E-6
Simultaneous Sums

Body	Configuration	AG0 Ratio to Limit	AG1 Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit	AG0 + AG1 + WLAN/BT Ratio to Limit
	Bottom	0.106	0.141	0.369	0.616

Notes:

- For all combinations where the TER sum of AG0 + AG1 + WLAN/BT is not greater than 1, there's no further analysis required for compliance demonstration.

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E.6 Highest Exposure Ratio and Hotspot Locations

Table E-7
Tablet Back Side Peak Coordinates and Exposure Ratio

Mode/Band	y (mm)	SAR/SAR Limit (ER)
GSM 850 Ant M1	137.80	0.242
GSM 1900 Ant M1	126.90	0.204
UMTS 850 Ant M1	132.3	0.312
UMTS 1750 Ant M1	125.8	0.261
UMTS 1900 Ant M1	124.7	0.162
LTE Band 12 Ant M1	130.2	0.32
LTE Band 13 Ant M1	130.2	0.397
LTE Band 26 Ant M1	130.2	0.303
LTE Band 66 Ant M1	126.9	0.22
LTE Band 66 Ant S3	-129.10	0.403
LTE Band 25 Ant M1	124.7	0.175
LTE Band 41 Ant M1	129.1	0.267
NR Band n5 Ant M1	144.5	0.311
NR Band n66 Ant M1	129.1	0.252
NR Band n25 Ant M1	123.7	0.193
NR Band n41 Ant M1	128	0.392
NR Band n41 Ant S1	-120.5	0.029
NR Band n41 Ant S2	-132.3	0.451
NR Band n41 Ant S3	-126.9	0.236
NR Band n77 Ant M4	151.1	0.086
NR Band n77 Ant S2	-133.4	0.454
NR Band n77 Ant S3	-123.7	0.384
NR Band n77 Ant S4	-138.8	0.429
5 GHz WLAN MIMO	118.30	0.484
2.4 GHz Bluetooth Ant WIFI 0	108.70	0.096

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Table E-8
Tablet Right Edge Peak Coordinates and Exposure Ratio

Mode/Band	y (mm)	SAR/SAR Limit (ER)
GSM 850 Ant M1	-124.8	0.139
GSM 1900 Ant M1	-131.2	0.241
UMTS 850 Ant M1	-125.9	0.165
UMTS 1750 Ant M1	-132.2	0.251
UMTS 1900 Ant M1	-129.1	0.228
LTE Band 12 Ant M1	-122.7	0.161
LTE Band 13 Ant M1	-125.9	0.156
LTE Band 26 Ant M1	-125.9	0.168
LTE Band 66 Ant M1	-136.6	0.196
LTE Band 66 Ant S3	117.3	0.013
LTE Band 25 Ant M1	-129.1	0.179
LTE Band 41 Ant M1	-118.4	0.066
NR Band n5 Ant M1	-117.3	0.143
NR Band n66 Ant M1	-125.9	0.191
NR Band n25 Ant M1	-125.9	0.218
NR Band n41 Ant M1	-140.5	0.034
NR Band n41 Ant S1	128.0	0.000
NR Band n41 Ant S2	22.4	0.000
NR Band n41 Ant S3	120.5	0.006
NR Band n77 Ant M4	-110.7	0.401
NR Band n77 Ant S2	114.0	0.105
NR Band n77 Ant S3	128.0	0.000
NR Band n77 Ant S4	114.0	0.561
2.4 GHz WLAN MIMO	-111.8	0.638

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Table E-9
Tablet Left Edge Peak Coordinates and Exposure Ratio

Mode/Band	y (mm)	SAR/SAR Limit (ER)
GSM 850 Ant M1	124.8	0.332
GSM 1900 Ant M1	110.6	0.151
UMTS 850 Ant M1	124.8	0.389
UMTS 1750 Ant M1	115.1	0.223
UMTS 1900 Ant M1	117.3	0.248
LTE Band 12 Ant M1	117.3	0.149
LTE Band 13 Ant M1	118.4	0.168
LTE Band 26 Ant M1	119.5	0.199
LTE Band 66 Ant M1	119.4	0.161
LTE Band 66 Ant S3	-119.4	0.023
LTE Band 25 Ant M1	117.2	0.229
LTE Band 41 Ant M1	124.8	0.154
NR Band n5 Ant M1	121.6	0.422
NR Band n66 Ant M1	111.8	0.163
NR Band n25 Ant M1	111.8	0.256
NR Band n41 Ant M1	120.5	0.101
NR Band n41 Ant S1	-115.1	0.218
NR Band n41 Ant S2	-128.0	0.000
NR Band n41 Ant S3	-114.1	0.054
NR Band n77 Ant M4	128.0	0.000
NR Band n77 Ant S2	-131.2	0.001
NR Band n77 Ant S3	-108.5	0.141
NR Band n77 Ant S4	-128.0	0.015
5 GHz WLAN MIMO	112.0	0.401
2.4 GHz Bluetooth Ant WIFI 0	112.8	0.198

E.7 Conclusion

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

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APPENDIX F: POWER REDUCTION VERIFICATION

Per the May 2017 TCBC Workshop Notes, 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.
3. Steps 1 and 2 were repeated for low, mid, and high bands, as appropriate (see note below for more details).
4. Steps 1 through 3 were repeated for all distance-based power reduction mechanisms.

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F.3 Main Antenna Verification Summary

-Note: Low band refers to: GSM850, UMTS B5, LTE 5/12/13/17/26, NR n5; Mid band refers to: GSM1900, UMTS B2/4, LTE B2/4/25/66, NR n2/25/66; High band refers to: LTE B41, NR n41; Ultra High band refers to: NR n77

-Note: 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 = 1/2/3/4/5 represent the cases where the Grip sensor 1/2/3/4/5 grip sensors are triggered for Main and Sub Antennas.

Table F-1
Power Measurement Verification

Mechanism(s)					Mode/Band	Exposure Condition Index (ECI)					
1st	2nd	3rd	4th	5th		Free Space	Mechanism #1 (Grip #1)	Mechanism #2 (Grip #2)	Mechanism #3 (Grip #3)	Mechanism #4 (Grip #4)	Mechanism #5 (Grip #5)
	Grip				Low Band	0		2			
	Grip	Grip			Mid Band	0		2	3		
Grip	Grip	Grip	Grip	Grip	Mid Band Sub 3 Ant	0	1	2	3	4	5
	Grip	Grip			High Band Main 1	0		2	3		
				Grip	High Band Sub 1	0					5
Grip	Grip	Grip	Grip	Grip	High Band Sub 2	0	1	2	3	4	5
Grip	Grip	Grip	Grip	Grip	High Band Sub 3	0	1	2	3	4	5
		Grip			Ultra High Band Main 4				3		
Grip	Grip		Grip	Grip	Ultra High Band Sub 2	0	1	2	3	4	5
Grip	Grip	Grip	Grip	Grip	Ultra High Band Sub 3	0	1	2	3	4	5
			Grip		Ultra High Band Sub 4					4	

F.4 WIFI Verification Summary

Table F-2
Power Measurement Verification WIFI 0

Mechanism(s)		Conducted Power (dBm)	
1st	Mode/Band	Un-triggered	Mechanism #1 (Grip Sensor #1 Active)
Grip	802.11b	18.11	11.87
Grip	802.11g	16.97	11.77
Grip	802.11n (2.4GHz)	16.90	11.43
Grip	802.11ax (2.4GHz)	14.34	11.75
Grip	802.11a	16.81	7.24
Grip	802.11n (5GHz, 20MHz BW)	17.29	7.38
Grip	802.11ac (20MHz BW)	16.10	6.82
Grip	802.11n (5GHz, 40MHz BW)	15.90	6.83
Grip	802.11ac (40MHz BW)	16.24	6.81
Grip	802.11ac (80MHz BW)	15.18	7.26
Grip	802.11ac (160MHz BW)	14.09	6.97
Grip	802.11ax (20MHz BW)	9.83	6.83
Grip	802.11ax (40MHz BW)	10.26	6.87
Grip	802.11ax (80MHz BW)	10.19	7.00
Grip	802.11ax (160MHz BW)	10.19	6.98
Grip	802.11a (6Ghz 20MHz)	9.72	6.05
Grip	802.11ax (6Ghz, 20MHz)	10.11	6.32
Grip	802.11ax (6Ghz, 40MHz)	12.23	6.27
Grip	802.11ax (6Ghz, 80MHz)	12.95	6.41
Grip	802.11ax (6Ghz, 160MHz)	11.97	6.12

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

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Table F-3
Power Measurement Verification WIFI 1

Mechanism(s)	Mode/Band	Conducted Power (dBm)	
1st		Un-triggered	Mechanism #1 (Grip Sensor #3 Active)
Grip	802.11b	17.82	11.66
Grip	802.11g	17.38	11.77
Grip	802.11n (2.4GHz)	16.96	11.71
Grip	802.11ax (2.4GHz)	14.02	11.78
Grip	802.11a	17.16	7.30
Grip	802.11n (5GHz, 20MHz BW)	17.15	7.20
Grip	802.11ac (20MHz BW)	16.24	7.22
Grip	802.11n (5GHz, 40MHz BW)	16.33	7.00
Grip	802.11ac (40MHz BW)	16.28	6.83
Grip	802.11ac (80MHz BW)	15.04	7.03
Grip	802.11ac (160MHz BW)	14.33	7.26
Grip	802.11ax (20MHz BW)	10.11	6.85
Grip	802.11ax (40MHz BW)	10.24	6.72
Grip	802.11ax (80MHz BW)	9.85	7.00
Grip	802.11ax (160MHz BW)	10.31	6.94
Grip	802.11a (6Ghz 20MHz)	9.20	5.92
Grip	802.11ax (6Ghz, 20MHz)	9.75	6.01
Grip	802.11ax (6Ghz, 40MHz)	12.05	6.12
Grip	802.11ax (6Ghz, 80MHz)	12.42	6.25
Grip	802.11ax (6Ghz, 160MHz)	11.77	5.99

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

Table F-4
Power Measurement Verification BT

Mechanism(s)	Mode/Band	Conducted Power (dBm)	
1st		Un-triggered (Max)	Mechanism #1 (Reduced)
Grip	Bluetooth WIFI 0	14.43	9.32
Grip	Bluetooth WIFI 1	14.66	8.35

Table F-5
Distance Measurement Verification for Grip #1

GRIP #1				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	20	20	28
<i>Top</i>	O	20	23	29
<i>Left</i>	O	12	14	18

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Table F-6
Distance Measurement Verification for Grip #2

GRIP #2				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	20	20	28
<i>Top</i>	O	20	24	29

Table F-7
Distance Measurement Verification for Grip #3

GRIP #3				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	20	20	28
<i>Top</i>	O	20	23	29
<i>Right</i>	O	12	13	16

Table F-8
Distance Measurement Verification for Grip #4

GRIP #4				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	20	20	27
<i>Bottom</i>	O	20	22	30
<i>Right</i>	O	12	12	16

Table F-9
Distance Measurement Verification for Grip #5

GRIP #5				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	20	20	27
<i>Bottom</i>	O	20	22	30
<i>Left</i>	O	12	13	18

Table F-10
Back Side, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]										
Distance [mm]	25	24	23	22	21	20	19	18	17	16
Grip #1	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red
Grip #2	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red
Grip #3	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red
Grip #4	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red
Grip #5	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red

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Table F-11
Back Side, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]											
Distance [mm]	23	24	25	26	27	28	29	30	31	32	33
Grip #1		Red	Red	Red	Red	Red	Max	Max	Max	Max	Max
Grip #2		Red	Red	Red	Red	Red	Max	Max	Max	Max	Max
Grip #3		Red	Red	Red	Red	Red	Max	Max	Max	Max	Max
Grip #4	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	
Grip #5	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	

Table F-12
Top Edge, Moving Toward Phantom

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

Table F-13
Top Edge, Moving Away From Phantom

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

Table F-14
Bottom Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]										
Distance [mm]	27	26	25	24	23	22	21	20	19	18
Grip #4	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red
Grip #5	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red

Table F-15
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
Grip #4	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max
Grip #5	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max

Table F-16
Left Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]													
Distance [mm]	23	22	21	20	19	18	17	16	15	14	13	12	11
Grip #1					Max	Max	Max	Max	Max	Red	Red	Red	Red
Grip #5	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red			

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Table F-17
Left Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]										
Distance [mm]	14	15	16	17	18	19	20	21	22	23
Grip #1	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max
Grip #5	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max

Table F-18
Right Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]										
Distance [mm]	18	17	16	15	14	13	12	11	10	9
Grip #3	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red
Grip #4	Max	Max	Max	Max	Max	Max	Red	Red	Red	Red

Table F-19
Right Edge, Moving Away From Phantom

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

Table F-20
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
Grip #1	23	23	23	23	23	23	23	23	23	23
Grip #2	24	24	24	24	24	24	24	24	24	24
Grip #3	23	23	23	23	23	23	23	23	23	23

Table F-21
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
Grip #4	22	22	22	22	22	22	22	22	22	22
Grip #5	22	22	22	22	22	22	22	22	22	22

Table F-22
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
Grip #1	14	14	14	14	14	14	14	14	14	14
Grip #5	13	13	13	13	13	13	13	13	13	13

Table F-23
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
Grip #3	13	13	13	13	13	13	13	13	13	13
Grip #4	12	12	12	12	12	12	12	12	12	12

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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. (ε _r)	CW VALIDATION			MOD. VALIDATION		
									SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR
J	750	8/29/2024	7406	1677	750	Head	0.902	42.669	PASS	PASS	PASS	N/A	N/A	N/A
C	750	2/20/2025	7713	1530	750	Head	0.867	42.371	PASS	PASS	PASS	N/A	N/A	N/A
J	835	8/27/2024	7406	1677	835	Head	0.903	42.224	PASS	PASS	PASS	GMSK	PASS	N/A
C	835	2/19/2025	7713	1530	835	Head	0.899	42.119	PASS	PASS	PASS	GMSK	PASS	N/A
H	1750	3/4/2025	7417	665	1750	Head	1.350	39.186	PASS	PASS	PASS	N/A	N/A	N/A
L	1750	6/2/2025	7659	1272	1750	Head	1.341	39.242	PASS	PASS	PASS	N/A	N/A	N/A
L	1900	6/2/2025	7659	1272	1900	Head	1.341	39.242	PASS	PASS	PASS	GMSK	PASS	N/A
N	2450	1/16/2025	7410	1213	2450	Head	1.860	38.829	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
C	2450	2/19/2025	7713	1530	2450	Head	1.842	39.147	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
H	2450	3/4/2025	7417	665	2450	Head	1.846	40.218	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
C	2600	2/19/2025	7713	1530	2600	Head	1.967	38.891	PASS	PASS	PASS	TDD	PASS	N/A
H	2600	3/4/2025	7417	665	2600	Head	1.964	40.000	PASS	PASS	PASS	TDD	PASS	N/A
E	3500	6/2/2025	7660	1678	3500	Head	2.809	38.905	PASS	PASS	PASS	TDD	PASS	N/A
E	3700	6/2/2025	7660	1678	3700	Head	3.008	38.494	PASS	PASS	PASS	TDD	PASS	N/A
E	3900	6/11/2025	7660	1678	3900	Head	3.200	38.013	PASS	PASS	PASS	TDD	PASS	N/A
S	5250	7/19/2024	7803	1583	5250	Head	4.685	35.198	PASS	PASS	PASS	OFDM	N/A	PASS
S	5600	7/19/2024	7803	1583	5600	Head	5.085	34.550	PASS	PASS	PASS	OFDM	N/A	PASS
S	5750	7/19/2024	7803	1583	5750	Head	5.262	34.250	PASS	PASS	PASS	OFDM	N/A	PASS
S	5850	7/19/2024	7803	1583	5850	Head	5.380	34.060	PASS	PASS	PASS	OFDM	N/A	PASS
R	6500	2/27/2025	7570	1638	6500	Head	5.868	34.355	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.

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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 12 Antenna M1

Table H-1
LTE Band 12 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.99	24.01	23.96	0	0
	1	12	23.95	23.91	23.82		0
	1	24	23.96	23.96	23.82		0
	12	0	22.95	22.95	22.89	0-1	1
	12	6	22.91	22.91	22.86		1
	12	13	22.90	22.91	22.78		1
	25	0	22.93	22.97	22.88		1
16QAM	1	0	23.24	23.28	23.32	0-1	1
	1	12	23.12	23.29	23.16		1
	1	24	23.22	23.21	23.11		1
	12	0	22.03	21.97	21.96	0-2	2
	12	6	21.98	22.00	21.95		2
	12	13	21.97	21.96	21.86		2
	25	0	21.93	21.95	21.85		2
64QAM	1	0	22.16	22.14	22.12	0-2	2
	1	12	22.11	22.06	22.07		2
	1	24	22.10	22.02	22.02		2
	12	0	20.98	20.97	20.90	0-3	3
	12	6	20.91	20.91	20.88		3
	12	13	20.91	20.89	20.82		3
	25	0	20.91	20.90	20.83		3
256QAM	1	0	19.00	19.08	19.05	0-5	5
	1	12	19.01	18.99	18.90		5
	1	24	18.93	19.00	18.90		5
	12	0	18.90	18.89	18.87		5
	12	6	18.87	18.86	18.79		5
	12	13	18.88	18.86	18.75		5
	25	0	18.89	18.89	18.84		5

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Table H-2
LTE Band 12 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.92	23.98	23.88	0	0
	1	7	23.96	23.93	23.87		0
	1	14	23.91	23.93	23.88		0
	8	0	22.95	22.97	22.85	0-1	1
	8	4	22.90	22.92	22.82		1
	8	7	22.87	22.91	22.76		1
	15	0	22.91	22.91	22.78		1
16QAM	1	0	23.27	23.36	23.09	0-1	1
	1	7	23.24	23.29	23.02		1
	1	14	23.20	23.25	23.15		1
	8	0	22.07	22.02	22.00	0-2	2
	8	4	22.04	22.06	21.94		2
	8	7	22.04	22.02	21.90		2
	15	0	21.98	21.97	21.79		2
64QAM	1	0	22.11	22.07	22.00	0-2	2
	1	7	22.03	22.06	22.00		2
	1	14	22.12	22.06	21.94		2
	8	0	20.96	21.02	20.86	0-3	3
	8	4	20.94	20.91	20.82		3
	8	7	20.87	20.93	20.81		3
	15	0	20.96	20.97	20.81		3
256QAM	1	0	19.04	19.04	19.03	0-5	5
	1	7	19.03	18.98	18.90		5
	1	14	19.01	18.93	18.92		5
	8	0	18.93	18.91	18.87		5
	8	4	18.92	18.94	18.82		5
	8	7	18.94	18.87	18.82		5
	15	0	18.87	18.89	18.80		5

Table H-3
LTE Band 12 Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.89	23.93	23.81	0	0
	1	2	23.87	23.91	23.77		0
	1	5	23.90	23.89	23.78		0
	3	0	23.86	23.88	23.74		0
	3	2	23.86	23.84	23.74		0
	3	3	23.85	23.84	23.76		0
	6	0	22.92	22.88	22.78	0-1	1
16QAM	1	0	23.36	23.30	23.16	0-1	1
	1	2	23.19	23.22	23.14		1
	1	5	23.35	23.24	22.98		1
	3	0	22.96	22.99	22.88		1
	3	2	23.03	22.98	22.80		1
	3	3	22.97	23.01	22.82		1
	6	0	21.87	21.98	21.82	0-2	2
64QAM	1	0	22.01	22.13	22.02	0-2	2
	1	2	22.08	22.07	21.96		2
	1	5	22.08	22.13	21.96		2
	3	0	21.92	21.94	21.88		2
	3	2	21.94	21.95	21.78		2
	3	3	21.86	21.96	21.85		2
	6	0	20.84	20.88	20.80	0-3	3
256QAM	1	0	19.02	18.98	18.88	0-5	5
	1	2	18.92	18.96	18.87		5
	1	5	18.97	18.99	18.88		5
	3	0	18.96	18.97	18.85		5
	3	2	18.88	18.92	18.84		5
	3	3	18.92	18.95	18.85		5
	6	0	18.85	18.82	18.76	5	

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Table H-4
LTE Band 12 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	14.92	14.89	14.95	0	0
	1	12	14.88	14.87	14.80		0
	1	24	14.89	14.89	14.82		0
	12	0	14.89	14.89	14.85	0-1	0
	12	6	14.85	14.83	14.78		0
	12	13	14.86	14.84	14.78		0
	25	0	14.88	14.88	14.83		0
16QAM	1	0	15.34	15.33	15.21	0-1	0
	1	12	15.25	15.10	15.24		0
	1	24	15.18	15.09	15.20		0
	12	0	14.95	14.96	14.90	0-2	0
	12	6	14.94	14.93	14.85		0
	12	13	14.90	14.94	14.85		0
	25	0	14.89	14.88	14.80		0
64QAM	1	0	15.09	15.16	15.06	0-2	0
	1	12	15.06	15.01	15.04		0
	1	24	15.08	15.03	14.95		0
	12	0	14.91	14.94	14.85	0-3	0
	12	6	14.85	14.89	14.80		0
	12	13	14.87	14.86	14.81		0
	25	0	14.86	14.86	14.81		0
256QAM	1	0	14.95	15.05	14.96	0-5	0
	1	12	14.93	14.96	14.91		0
	1	24	14.90	14.96	14.89		0
	12	0	14.89	14.89	14.87		0
	12	6	14.85	14.82	14.79		0
	12	13	14.85	14.81	14.77		0
	25	0	14.86	14.85	14.79		0

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

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	14.91	14.93	14.83	0	0
	1	7	14.87	14.92	14.76		0
	1	14	14.90	14.91	14.75		0
	8	0	14.90	14.88	14.83	0-1	0
	8	4	14.86	14.85	14.77		0
	8	7	14.82	14.87	14.75		0
	15	0	14.84	14.87	14.77		0
16QAM	1	0	15.27	15.28	15.23	0-1	0
	1	7	15.20	15.36	15.29		0
	1	14	15.25	15.24	15.03		0
	8	0	14.97	14.97	14.98	0-2	0
	8	4	14.95	15.02	14.85		0
	8	7	15.01	14.94	14.89		0
	15	0	14.89	14.90	14.84		0
64QAM	1	0	14.99	15.00	15.06	0-2	0
	1	7	15.05	15.04	15.02		0
	1	14	15.05	15.07	14.89		0
	8	0	14.98	14.93	14.89	0-3	0
	8	4	14.91	14.88	14.86		0
	8	7	14.92	14.85	14.76		0
	15	0	14.92	14.89	14.78		0
256QAM	1	0	14.92	15.04	14.91	0-5	0
	1	7	14.95	15.08	14.89		0
	1	14	14.97	14.91	14.79		0
	8	0	14.94	14.87	14.83		0
	8	4	14.91	14.85	14.81		0
	8	7	14.86	14.92	14.79		0
	15	0	14.86	14.91	14.74		0

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Table H-6
LTE Band 12 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	14.92	14.88	14.78	0	0
	1	2	14.85	14.81	14.70		0
	1	5	14.87	14.87	14.78		0
	3	0	14.82	14.79	14.72		0
	3	2	14.81	14.81	14.66		0
	3	3	14.83	14.79	14.67		0
	6	0	14.82	14.86	14.71	0-1	0
16QAM	1	0	15.29	15.19	15.22	0-1	0
	1	2	15.09	15.11	15.11		0
	1	5	15.23	15.29	15.05		0
	3	0	14.89	14.90	14.85		0
	3	2	14.87	14.85	14.83		0
	3	3	14.93	14.86	14.78		0
	6	0	14.93	14.87	14.77	0-2	0
64QAM	1	0	15.01	15.03	14.99	0-2	0
	1	2	14.99	15.03	15.02		0
	1	5	15.09	15.09	14.95		0
	3	0	14.83	14.90	14.78		0
	3	2	14.89	14.81	14.76		0
	3	3	14.97	14.91	14.78		0
	6	0	14.77	14.82	14.71	0-3	0
256QAM	1	0	14.93	14.84	14.86	0-5	0
	1	2	14.98	14.90	14.86		0
	1	5	14.97	14.93	14.85		0
	3	0	14.94	14.90	14.84		0
	3	2	14.91	14.91	14.81		0
	3	3	14.91	14.93	14.83		0
	6	0	14.84	14.76	14.77	0	

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H.1.2 LTE Band 13 Antenna M1

Table H-7
LTE Band 13 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.60	0	0
	1	12	23.57		0
	1	24	23.57		0
	12	0	22.60	0-1	1
	12	6	22.54		1
	12	13	22.53		1
	25	0	22.58		1
16QAM	1	0	22.90	0-1	1
	1	12	22.87		1
	1	24	22.73		1
	12	0	21.66	0-2	2
	12	6	21.59		2
	12	13	21.58		2
	25	0	21.57		2
64QAM	1	0	21.85	0-2	2
	1	12	21.74		2
	1	24	21.64		2
	12	0	20.59	0-3	3
	12	6	20.55		3
	12	13	20.56		3
	25	0	20.55		3
256QAM	1	0	18.62	0-5	5
	1	12	18.57		5
	1	24	18.65		5
	12	0	18.54		5
	12	6	18.52		5
	12	13	18.50		5
	25	0	18.57		5

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Table H-8
LTE Band 13 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	16.39	0	0
	1	12	16.39		0
	1	24	16.43		0
	12	0	16.39	0-1	0
	12	6	16.32		0
	12	13	16.34		0
	25	0	16.38		0
16QAM	1	0	16.71	0-1	0
	1	12	16.82		0
	1	24	16.81		0
	12	0	16.43	0-2	0
	12	6	16.39		0
	12	13	16.43		0
	25	0	16.39		0
64QAM	1	0	16.59	0-2	0
	1	12	16.56		0
	1	24	16.61		0
	12	0	16.40	0-3	0
	12	6	16.37		0
	12	13	16.38		0
	25	0	16.38		0
256QAM	1	0	16.45	0-5	0
	1	12	16.48		0
	1	24	16.50		0
	12	0	16.35		0
	12	6	16.34		0
	12	13	16.32		0
	25	0	16.40		0

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H.1.3 LTE Band 26 Antenna M1

Table H-9
LTE Band 26 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.58	23.41	23.14	0	0
	1	25	23.50	23.24	23.08		0
	1	49	23.46	23.13	23.05		0
	25	0	22.66	22.40	22.11	0-1	1
	25	12	22.60	22.31	22.12		1
	25	25	22.58	22.25	22.05		1
16QAM	50	0	22.61	22.34	22.10	0-1	1
	1	0	23.02	22.73	22.50		1
	1	25	22.92	22.54	22.54		1
	1	49	22.82	22.53	22.43	0-2	1
	25	0	21.69	21.37	21.07		2
	25	12	21.57	21.28	21.09		2
64QAM	25	25	21.56	21.24	21.04	0-2	2
	50	0	21.60	21.33	21.05		2
	1	0	21.77	21.58	21.29	0-2	2
	1	25	21.75	21.44	21.22		2
	1	49	21.55	21.35	21.22		2
	256QAM	25	0	20.66	20.43	20.08	0-3
25		12	20.55	20.25	20.08	3	
25		25	20.52	20.20	20.03	3	
50		0	20.56	20.31	20.05	0-5	3
1		0	18.82	18.63	18.48		5
1		25	18.60	18.41	18.26		5
1	49	18.56	18.29	18.28	5		
25	0	18.63	18.41	18.25	5		
25	12	18.52	18.35	18.22	5		
256QAM	25	25	18.54	18.31	18.21	0-5	5
	50	0	18.56	18.35	18.24		5

Table H-10
LTE Band 26 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	23.59	23.34	23.11	0	0	
	1	12	23.52	23.27	23.08		0	
	1	24	23.51	23.31	23.01		0	
	12	0	22.69	22.35	22.08	0-1	1	
	12	6	22.59	22.25	22.05		1	
	12	13	22.61	22.24	22.04		1	
16QAM	25	0	22.64	22.30	22.09	0-1	1	
	1	0	22.81	22.76	22.43		1	
	1	12	22.82	22.60	22.30		1	
	1	24	22.78	22.58	22.38	0-2	1	
	12	0	21.72	21.39	21.14		2	
	12	6	21.65	21.31	21.12		2	
64QAM	12	13	21.64	21.24	21.07	0-2	2	
	25	0	21.66	21.31	21.09		2	
	1	0	21.78	21.53	21.25		0-2	2
	1	12	21.74	21.42	21.17	2		
	1	24	21.71	21.41	21.21	2		
	12	0	20.71	20.36	20.11	0-3	3	
12	6	20.62	20.29	20.07	3			
12	13	20.60	20.25	20.05	3			
256QAM	25	0	20.60	20.30	20.03	0-3	3	
	1	0	18.74	18.51	18.35		0-5	5
	1	12	18.63	18.39	18.25			5
	1	24	18.66	18.42	18.33	5		
	12	0	18.63	18.37	18.26	5		
	12	6	18.55	18.27	18.17	5		
12	13	18.55	18.27	18.15	5			
256QAM	25	0	18.60	18.37	18.20		5	

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Table H-11
LTE Band 26 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.56	23.34	23.08	0	0
	1	7	23.60	23.32	23.04		0
	1	14	23.52	23.20	23.05		0
	8	0	22.63	22.35	22.13	0-1	1
	8	4	22.57	22.21	22.05		1
	8	7	22.54	22.23	22.07		1
	15	0	22.58	22.23	22.03		1
16QAM	1	0	22.92	22.60	22.38	0-1	1
	1	7	22.85	22.66	22.19		1
	1	14	22.82	22.48	22.30		1
	8	0	21.75	21.44	21.21	0-2	2
	8	4	21.73	21.32	21.11		2
	8	7	21.68	21.40	21.11		2
	15	0	21.65	21.28	21.05		2
64QAM	1	0	21.74	21.53	21.17	0-2	2
	1	7	21.72	21.37	21.14		2
	1	14	21.60	21.38	21.18		2
	8	0	20.66	20.36	20.07	0-3	3
	8	4	20.61	20.28	20.10		3
	8	7	20.55	20.24	20.06		3
	15	0	20.60	20.31	20.08		3
256QAM	1	0	18.78	18.42	18.31	0-5	5
	1	7	18.69	18.50	18.29		5
	1	14	18.74	18.33	18.18		5
	8	0	18.62	18.34	18.22		5
	8	4	18.58	18.26	18.26		5
	8	7	18.54	18.28	18.18		5
	15	0	18.56	18.26	18.15		5

Table H-12
LTE Band 26 Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.54	23.31	23.06	0	0
	1	2	23.45	23.24	22.98		0
	1	5	23.49	23.27	22.98		0
	3	0	23.56	23.22	22.97		0
	3	2	23.53	23.15	22.97		0
	3	3	23.53	23.21	23.04		0
	6	0	22.63	22.22	22.05		0-1
16QAM	1	0	22.91	22.60	22.30	0-1	1
	1	2	22.84	22.54	22.32		1
	1	5	22.75	22.57	22.33		1
	3	0	22.81	22.35	22.24		1
	3	2	22.74	22.34	22.04		1
	3	3	22.72	22.36	22.07		1
	6	0	21.66	21.22	21.09		0-2
64QAM	1	0	21.79	21.53	21.19	0-2	2
	1	2	21.77	21.43	21.20		2
	1	5	21.76	21.46	21.21		2
	3	0	21.62	21.25	21.04		2
	3	2	21.61	21.31	21.05		2
	3	3	21.67	21.24	21.06		2
	6	0	20.59	20.24	20.04		0-3
256QAM	1	0	18.71	18.39	18.28	0-5	5
	1	2	18.62	18.36	18.22		5
	1	5	18.67	18.37	18.25		5
	3	0	18.65	18.37	18.24		5
	3	2	18.63	18.33	18.24		5
	3	3	18.64	18.31	18.23		5
	6	0	18.51	18.21	18.07		5

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Table H-13
LTE Band 26 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.55	13.37	13.19	0	0
	1	25	13.48	13.27	13.16		0
	1	49	13.37	13.14	13.06		0
	25	0	13.57	13.35	13.19	0-1	0
	25	12	13.48	13.25	13.17		0
	25	25	13.46	13.23	13.14		0
50	0	13.54	13.32	13.18	0		
16QAM	1	0	13.85	13.72	13.59	0-1	0
	1	25	13.72	13.51	13.44		0
	1	49	13.68	13.44	13.48		0
	25	0	13.55	13.36	13.18	0-2	0
	25	12	13.48	13.26	13.17		0
	25	25	13.47	13.23	13.15		0
50	0	13.47	13.29	13.16	0		
64QAM	1	0	13.76	13.54	13.35	0-2	0
	1	25	13.65	13.42	13.30		0
	1	49	13.52	13.29	13.25		0
	25	0	13.55	13.31	13.16	0-3	0
	25	12	13.46	13.23	13.14		0
	25	25	13.47	13.20	13.14		0
50	0	13.52	13.28	13.16	0-5	0	
256QAM	1	0	13.69	13.48		13.29	0
	1	25	13.62	13.34		13.23	0
	1	49	13.51	13.26		13.20	0
	25	0	13.56	13.34		13.15	0
	25	12	13.46	13.27		13.17	0
	25	25	13.43	13.19	13.11	0	
50	0	13.50	13.32	13.15	0		

Table H-14
LTE Band 26 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.58	13.30	13.16	0	0
	1	12	13.50	13.24	13.08		0
	1	24	13.47	13.24	13.09		0
	12	0	13.56	13.32	13.16	0-1	0
	12	6	13.51	13.24	13.14		0
	12	13	13.48	13.25	13.13		0
16QAM	25	0	13.56	13.29	13.16	0	
	1	0	13.98	13.60	13.44	0-1	0
	1	12	13.73	13.60	13.34		0
	1	24	13.74	13.44	13.46		0
	12	0	13.62	13.37	13.26	0-2	0
	12	6	13.53	13.29	13.18		0
64QAM	12	13	13.55	13.29	13.15		0
	25	0	13.57	13.30	13.19	0	
	1	0	13.77	13.45	13.36	0-2	0
	1	12	13.69	13.42	13.29		0
	1	24	13.68	13.37	13.28		0
	12	0	13.62	13.36	13.22	0-3	0
12	6	13.53	13.27	13.13	0		
12	13	13.51	13.26	13.13	0		
256QAM	25	0	13.53	13.31	13.16	0	
	1	0	13.63	13.43	13.27	0-5	0
	1	12	13.62	13.30	13.21		0
	1	24	13.60	13.34	13.16		0
	12	0	13.59	13.29	13.19		0
	12	6	13.51	13.23	13.09		0
12	13	13.47	13.25	13.13	0		
	25	0	13.54	13.28	13.14	0	

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Table H-15
LTE Band 26 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.54	13.30	13.14	0	0
	1	7	13.54	13.26	13.13		0
	1	14	13.46	13.20	13.05		0
	8	0	13.58	13.29	13.13	0-1	0
	8	4	13.49	13.22	13.11		0
	8	7	13.51	13.21	13.08		0
	15	0	13.55	13.24	13.13		0
16QAM	1	0	13.77	13.65	13.55	0-1	0
	1	7	13.87	13.59	13.41		0
	1	14	13.80	13.48	13.51		0
	8	0	13.74	13.39	13.31	0-2	0
	8	4	13.64	13.36	13.25		0
	8	7	13.64	13.34	13.25		0
	15	0	13.54	13.23	13.18		0
64QAM	1	0	13.70	13.39	13.28	0-2	0
	1	7	13.64	13.36	13.20		0
	1	14	13.72	13.36	13.19		0
	8	0	13.60	13.30	13.19	0-3	0
	8	4	13.53	13.26	13.15		0
	8	7	13.53	13.22	13.09		0
	15	0	13.57	13.25	13.15		0
256QAM	1	0	13.69	13.35	13.23	0-5	0
	1	7	13.69	13.35	13.25		0
	1	14	13.67	13.24	13.18		0
	8	0	13.58	13.30	13.19		0
	8	4	13.54	13.27	13.09		0
	8	7	13.59	13.20	13.16		0
	15	0	13.52	13.24	13.15		0

Table H-16
LTE Band 26 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.55	13.24	13.06	0	0
	1	2	13.44	13.17	13.02		0
	1	5	13.50	13.19	13.06		0
	3	0	13.46	13.15	13.05		0
	3	2	13.45	13.14	13.02		0
	3	3	13.44	13.16	13.01		0
	6	0	13.47	13.22	13.09		0
16QAM	1	0	13.78	13.66	13.40	0-1	0
	1	2	13.86	13.59	13.42	0-1	0
	1	5	13.83	13.58	13.37		0
	3	0	13.57	13.34	13.12		0
	3	2	13.52	13.28	13.11		0
	3	3	13.56	13.23	13.10		0
	6	0	13.59	13.26	13.07	0-2	0
64QAM	1	0	13.72	13.41	13.28	0-2	0
	1	2	13.67	13.35	13.19		0
	1	5	13.73	13.44	13.27		0
	3	0	13.59	13.21	13.15		0
	3	2	13.51	13.18	13.12		0
	3	3	13.54	13.20	13.11		0
	6	0	13.51	13.22	13.06	0-3	0
256QAM	1	0	13.66	13.34	13.17	0-5	0
	1	2	13.60	13.30	13.13		0
	1	5	13.65	13.34	13.19		0
	3	0	13.57	13.33	13.19		0
	3	2	13.57	13.28	13.18		0
	3	3	13.61	13.31	13.20		0
	6	0	13.50	13.22	13.07		0

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H.1.4 LTE Band 66 Antenna M1

Table H-17

LTE Band 66 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.24	23.58	23.80	0	0
	1	36	23.25	23.67	23.80		0
	1	74	23.38	23.74	23.90		0
	36	0	22.20	22.60	22.77	0-1	1
	36	18	22.22	22.60	22.77		1
	36	37	22.26	22.66	22.80		1
	75	0	22.26	22.65	22.82		1
16QAM	1	0	22.51	22.84	23.21	0-1	1
	1	36	22.56	22.86	23.13		1
	1	74	22.75	23.00	23.15		1
	36	0	21.42	21.78	21.96	0-2	2
	36	18	21.44	21.81	21.95		2
	36	37	21.50	21.82	21.98		2
	75	0	21.43	21.79	21.97		2
64QAM	1	0	21.56	21.91	22.04	0-2	2
	1	36	21.67	22.03	22.16		2
	1	74	21.73	22.07	22.24		2
	36	0	20.43	20.78	20.97	0-3	3
	36	18	20.48	20.82	20.97		3
	36	37	20.52	20.85	21.02		3
	75	0	20.43	20.79	20.96		3
256QAM	1	0	18.48	18.78	18.99	0-5	5
	1	36	18.53	18.90	19.06		5
	1	74	18.61	18.89	19.15		5
	36	0	18.41	18.78	18.94		5
	36	18	18.44	18.77	18.96		5
	36	37	18.49	18.80	18.95		5
	75	0	18.41	18.78	18.97		5

Table H-18

LTE Band 66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.60	23.64	23.90	0	0
	1	25	23.60	23.65	23.86		0
	1	49	23.75	23.77	23.97		0
	25	0	22.63	22.66	22.88	0-1	1
	25	12	22.63	22.65	22.86		1
	25	25	22.68	22.68	22.88		1
	50	0	22.66	22.69	22.89		1
16QAM	1	0	22.87	22.87	23.35	0-1	1
	1	25	22.99	23.04	23.17		1
	1	49	23.06	22.95	23.34		1
	25	0	21.79	21.81	22.00	0-2	2
	25	12	21.77	21.81	21.99		2
	25	25	21.83	21.85	22.03		2
	50	0	21.79	21.81	22.00		2
64QAM	1	0	21.94	21.99	22.18	0-2	2
	1	25	22.01	21.98	22.19		2
	1	49	21.99	22.03	22.25		2
	25	0	20.78	20.80	20.96	0-3	3
	25	12	20.75	20.75	20.97		3
	25	25	20.79	20.80	21.00		3
	50	0	20.78	20.78	21.02		3
256QAM	1	0	18.91	18.88	19.14	0-5	5
	1	25	18.91	18.81	19.13		5
	1	49	18.94	18.95	19.16		5
	25	0	18.78	18.80	18.97		5
	25	12	18.76	18.78	18.97		5
	25	25	18.76	18.80	18.99		5
	50	0	18.77	18.79	19.00		5

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Table H-19
LTE Band 66 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.22	23.68	23.90	0	0
	1	12	23.26	23.67	23.86		0
	1	24	23.29	23.73	23.91		0
	12	0	22.24	22.68	22.89	0-1	1
	12	6	22.21	22.65	22.86		1
	12	13	22.26	22.71	22.89		1
	25	0	22.26	22.73	22.90		1
16QAM	1	0	22.48	22.86	23.30	0-1	1
	1	12	22.51	22.93	23.21		1
	1	24	22.59	23.05	23.30		1
	12	0	21.41	21.87	22.06	0-2	2
	12	6	21.45	21.87	22.08		2
	12	13	21.46	21.92	22.09		2
	25	0	21.41	21.88	22.03		2
64QAM	1	0	21.48	21.97	22.18	0-2	2
	1	12	21.51	22.00	22.12		2
	1	24	21.69	22.06	22.16		2
	12	0	20.34	20.83	21.04	0-3	3
	12	6	20.38	20.82	21.05		3
	12	13	20.45	20.86	21.05		3
	25	0	20.36	20.83	21.00		3
256QAM	1	0	18.32	18.90	19.07	0-5	5
	1	12	18.42	18.90	19.06		5
	1	24	18.55	18.95	19.15		5
	12	0	18.32	18.80	19.00		5
	12	6	18.33	18.76	18.93		5
	12	13	18.42	18.84	18.98		5
	25	0	18.38	18.81	18.98		5

Table H-20
LTE Band 66 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.20	23.62	23.87	0	0
	1	7	23.18	23.76	23.84		0
	1	14	23.29	23.71	23.93		0
	8	0	22.21	22.68	22.85	0-1	1
	8	4	22.21	22.71	22.87		1
	8	7	22.22	22.64	22.87		1
	15	0	22.22	22.69	22.86		1
16QAM	1	0	22.48	22.96	23.17	0-1	1
	1	7	22.55	22.97	23.15		1
	1	14	22.59	23.01	23.16		1
	8	0	21.49	21.95	22.13	0-2	2
	8	4	21.51	21.94	22.13		2
	8	7	21.56	21.92	22.13		2
	15	0	21.40	21.85	22.08		2
64QAM	1	0	21.41	21.99	22.08	0-2	2
	1	7	21.57	22.00	22.04		2
	1	14	21.66	22.00	22.19		2
	8	0	20.42	20.82	20.98	0-3	3
	8	4	20.44	20.83	20.96		3
	8	7	20.45	20.86	21.02		3
	15	0	20.41	20.85	21.02		3
256QAM	1	0	18.44	18.87	19.05	0-5	5
	1	7	18.48	19.01	19.04		5
	1	14	18.53	18.85	19.18		5
	8	0	18.42	18.82	19.03		5
	8	4	18.35	18.80	19.01		5
	8	7	18.42	18.83	19.02		5
	15	0	18.35	18.82	18.95		5

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Table H-21
LTE Band 66 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.19	23.65	23.84	0	0
	1	2	23.17	23.67	23.85		0
	1	5	23.29	23.65	23.90		0
	3	0	23.16	23.61	23.84		0
	3	2	23.13	23.60	23.80		0
	3	3	23.17	23.63	23.78		0
	6	0	22.19	22.64	22.84	0-1	1
16QAM	1	0	22.45	22.99	23.36	0-1	1
	1	2	22.43	22.93	23.15		1
	1	5	22.59	23.05	23.14		1
	3	0	22.31	22.78	22.92		1
	3	2	22.30	22.76	22.96		1
	3	3	22.28	22.74	22.87		1
	6	0	21.35	21.84	22.01	0-2	2
64QAM	1	0	21.49	22.02	22.21	0-2	2
	1	2	21.52	22.03	22.18		2
	1	5	21.66	22.04	22.20		2
	3	0	21.34	21.82	21.98		2
	3	2	21.40	21.86	22.02		2
	3	3	21.35	21.85	22.03		2
	6	0	20.34	20.83	21.00	0-3	3
256QAM	1	0	18.37	18.90	19.08	0-5	5
	1	2	18.35	18.91	19.03		5
	1	5	18.53	18.86	19.02		5
	3	0	18.39	18.88	18.99		5
	3	2	18.41	18.86	19.05		5
	3	3	18.43	18.91	19.04		5
	6	0	18.45	18.77	18.96		5

Table H-22
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.35	12.72	12.95	0	0
	1	36	12.40	12.83	12.92		0
	1	74	12.52	12.87	13.05		0
	36	0	12.40	12.75	12.90	0-1	0
	36	18	12.43	12.73	12.90		0
	36	37	12.47	12.79	12.93		0
	75	0	12.44	12.80	12.93		0
16QAM	1	0	12.77	12.98	13.20	0-1	0
	1	36	12.85	13.11	13.22		0
	1	74	12.78	13.25	13.42		0
	36	0	12.40	12.75	12.92	0-2	0
	36	18	12.45	12.78	12.92		0
	36	37	12.49	12.81	12.94		0
	75	0	12.42	12.78	12.93		0
64QAM	1	0	12.54	12.93	13.18	0-2	0
	1	36	12.62	13.01	13.17		0
	1	74	12.76	13.08	13.24		0
	36	0	12.42	12.76	12.94	0-3	0
	36	18	12.45	12.79	12.94		0
	36	37	12.51	12.84	12.95		0
	75	0	12.43	12.78	12.93		0
256QAM	1	0	12.44	12.83	13.00	0-5	0
	1	36	12.51	12.87	13.07		0
	1	74	12.64	12.99	13.12		0
	36	0	12.40	12.76	12.96		0
	36	18	12.45	12.77	12.91		0
	36	37	12.48	12.81	12.94		0
	75	0	12.45	12.79	12.94		0

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Table H-23
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.61	12.60	12.81	0	0
	1	25	12.62	12.61	12.77		0
	1	49	12.68	12.70	12.87		0
	25	0	12.66	12.62	12.82	0-1	0
	25	12	12.61	12.60	12.83		0
	25	25	12.67	12.65	12.83		0
16QAM	50	0	12.64	12.64	12.84	0	
	1	0	12.80	12.99	13.18	0-1	0
	1	25	12.89	12.92	13.15		0
	1	49	13.01	13.09	13.06		0
	25	0	12.65	12.64	12.79	0-2	0
	25	12	12.60	12.62	12.83		0
25	25	12.66	12.66	12.83	0		
64QAM	50	0	12.62	12.62	12.82	0	
	1	0	12.78	12.82	13.02	0-2	0
	1	25	12.87	12.85	12.98		0
	1	49	12.92	12.91	13.02		0
	25	0	12.61	12.62	12.81	0-3	0
	25	12	12.59	12.60	12.79		0
25	25	12.62	12.63	12.82	0		
256QAM	50	0	12.63	12.65	12.83	0	
	1	0	12.70	12.77	12.92	0-5	0
	1	25	12.74	12.74	12.89		0
	1	49	12.81	12.84	12.98		0
	25	0	12.63	12.64	12.81		0
	25	12	12.61	12.60	12.82		0
25	25	12.66	12.67	12.83	0		
	50	0	12.62	12.62	12.81	0	

Table H-24
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.31	12.78	13.00	0	0
	1	12	12.37	12.84	12.97		0
	1	24	12.44	12.88	13.06		0
	12	0	12.34	12.80	12.98	0-1	0
	12	6	12.37	12.78	12.98		0
	12	13	12.42	12.84	12.99		0
	25	0	12.42	12.85	13.01		0
16QAM	1	0	12.56	13.08	13.27	0-1	0
	1	12	12.53	13.16	13.29		0
	1	24	12.68	13.13	13.28		0
	12	0	12.39	12.88	13.08	0-2	0
	12	6	12.41	12.86	13.04		0
	12	13	12.46	12.90	13.05		0
	25	0	12.45	12.89	13.01		0
64QAM	1	0	12.49	13.02	13.23	0-2	0
	1	12	12.59	12.94	13.15		0
	1	24	12.65	13.05	13.27		0
	12	0	12.37	12.82	13.05	0-3	0
	12	6	12.39	12.81	13.01		0
	12	13	12.45	12.86	13.03		0
	25	0	12.41	12.85	13.01		0
256QAM	1	0	12.38	12.87	13.14	0-5	0
	1	12	12.49	12.89	13.08		0
	1	24	12.59	12.96	13.14		0
	12	0	12.40	12.82	13.02		0
	12	6	12.37	12.79	12.96		0
	12	13	12.42	12.86	13.01		0
	25	0	12.41	12.86	13.01		0

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Table H-25
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.30	12.75	13.00	0	0
	1	7	12.30	12.85	12.98		0
	1	14	12.36	12.81	12.99		0
	8	0	12.32	12.80	12.98	0-1	0
	8	4	12.35	12.81	12.94		0
	8	7	12.37	12.80	12.95		0
	15	0	12.33	12.79	12.96		0
16QAM	1	0	12.51	13.01	13.19	0-1	0
	1	7	12.60	13.28	13.39		0
	1	14	12.66	13.10	13.31		0
	8	0	12.46	12.92	13.13	0-2	0
	8	4	12.46	12.94	13.06		0
	8	7	12.50	12.90	13.11		0
	15	0	12.38	12.84	13.01		0
64QAM	1	0	12.43	12.89	13.12	0-2	0
	1	7	12.45	12.98	13.13		0
	1	14	12.52	13.02	13.19		0
	8	0	12.37	12.85	13.05	0-3	0
	8	4	12.41	12.83	13.05		0
	8	7	12.44	12.85	13.06		0
	15	0	12.40	12.91	13.01		0
256QAM	1	0	12.37	12.80	12.99	0-5	0
	1	7	12.46	13.02	13.09		0
	1	14	12.50	12.97	13.11		0
	8	0	12.38	12.86	13.03		0
	8	4	12.40	12.90	13.01		0
	8	7	12.42	12.90	13.02		0
	15	0	12.39	12.87	13.01		0

Table H-26
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.24	12.77	12.95	0	0
	1	2	12.21	12.75	12.92		0
	1	5	12.28	12.81	13.01		0
	3	0	12.26	12.78	12.91		0
	3	2	12.20	12.72	12.93		0
	3	3	12.26	12.75	12.93		0
	6	0	12.31	12.80	12.98	0-1	0
16QAM	1	0	12.57	13.06	13.33	0-1	0
	1	2	12.52	13.12	13.22		0
	1	5	12.58	13.09	13.24		0
	3	0	12.33	12.96	13.06		0
	3	2	12.27	12.90	12.97		0
	3	3	12.41	12.89	13.07		0
	6	0	12.35	12.80	12.97	0-2	0
64QAM	1	0	12.46	13.05	13.13	0-2	0
	1	2	12.37	13.02	13.20		0
	1	5	12.49	12.98	13.14		0
	3	0	12.29	12.80	12.98		0
	3	2	12.30	12.89	12.98		0
	3	3	12.33	12.85	13.02		0
	6	0	12.30	12.79	12.94	0-3	0
256QAM	1	0	12.35	12.94	13.07	0-5	0
	1	2	12.41	12.91	13.08		0
	1	5	12.37	12.96	13.11		0
	3	0	12.38	12.91	13.05		0
	3	2	12.34	12.88	13.03		0
	3	3	12.38	12.94	13.06		0
	6	0	12.27	12.82	12.98		0

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Table H-27
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.71	18.47	18.54	0	0
	1	36	17.87	18.64	18.61		0
	1	74	17.98	18.65	18.73		0
	36	0	17.83	18.40	18.65	0-1	0
	36	18	17.92	18.44	18.34		0
	36	37	17.99	18.47	18.72		0
	75	0	17.93	18.46	18.71		0
16QAM	1	0	17.89	18.68	18.18	0-1	0
	1	36	18.03	18.85	18.28		0
	1	74	18.15	18.86	18.43		0
	36	0	17.83	18.46	18.67	0-2	0
	36	18	17.92	18.48	18.69		0
	36	37	18.00	18.52	18.74		0
	75	0	17.99	18.43	18.71		0
64QAM	1	0	17.98	18.51	18.45	0-2	0
	1	36	17.78	18.10	18.55		0
	1	74	17.89	18.11	18.68		0
	36	0	17.95	18.13	18.73	0-3	0
	36	18	18.04	18.46	18.74		0
	36	37	18.10	18.51	18.79		0
	75	0	17.96	18.53	18.69		0
256QAM	1	0	17.83	18.47	18.13	0-5	0
	1	36	17.98	18.56	18.24		0
	1	74	18.09	18.73	18.35		0
	36	0	18.03	18.71	18.69		0
	36	18	18.02	18.69	18.71		0
	36	37	18.01	18.50	18.74		0
	75	0	17.92	18.53	18.70		0

Table H-28
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.66	18.26	18.61	0	0
	1	25	17.78	18.41	18.62		0
	1	49	17.87	18.42	18.76		0
	25	0	17.82	18.41	18.68	0-1	0
	25	12	17.88	18.46	18.71		0
	25	25	17.91	18.49	18.77		0
	50	0	17.88	18.45	18.72		0
16QAM	1	0	17.96	18.63	18.27	0-1	0
	1	25	17.93	18.64	18.29		0
	1	49	17.85	18.61	18.24		0
	25	0	17.85	18.54	18.76	0-2	0
	25	12	17.90	18.58	18.75		0
	25	25	17.95	18.60	18.82		0
	50	0	17.86	18.43	18.70		0
64QAM	1	0	17.69	18.52	18.54	0-2	0
	1	25	17.70	18.65	18.58		0
	1	49	17.89	18.66	18.71		0
	25	0	17.87	18.49	18.75	0-3	0
	25	12	17.94	18.52	18.78		0
	25	25	17.98	18.55	18.82		0
	50	0	17.93	18.48	18.77		0
256QAM	1	0	17.76	18.28	18.22	0-5	0
	1	25	17.86	18.22	18.29		0
	1	49	17.97	18.26	18.40		0
	25	0	17.83	18.48	18.78		0
	25	12	17.89	18.51	18.76		0
	25	25	17.92	18.54	18.86		0
	50	0	17.87	18.48	18.76		0

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Table H-29
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.81	18.39	18.55	0	0
	1	12	17.82	18.45	18.56		0
	1	24	17.89	18.49	18.67		0
	12	0	17.73	18.40	18.68	0-1	0
	12	6	17.74	18.37	18.67		0
	12	13	17.82	18.42	18.74		0
	25	0	17.81	18.45	18.75		0
16QAM	1	0	18.14	18.46	18.77	0-1	0
	1	12	18.16	18.48	18.85		0
	1	24	18.24	18.53	18.95		0
	12	0	17.97	18.42	18.71	0-2	0
	12	6	17.95	18.39	18.70		0
	12	13	18.02	18.45	18.77		0
	25	0	17.78	18.48	18.78		0
64QAM	1	0	17.69	18.73	18.75	0-2	0
	1	12	17.65	18.75	18.79		0
	1	24	17.90	18.72	18.78		0
	12	0	17.83	18.51	18.72	0-3	0
	12	6	17.84	18.50	18.74		0
	12	13	17.91	18.56	18.81		0
	25	0	17.83	18.51	18.76		0
256QAM	1	0	17.60	18.49	18.75	0-5	0
	1	12	17.92	18.54	18.75		0
	1	24	17.97	18.61	18.82		0
	12	0	17.95	18.51	18.78		0
	12	6	17.82	18.46	18.71		0
	12	13	17.88	18.52	18.72		0
	25	0	17.80	18.46	18.77		0

Table H-30
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.66	18.27	18.61	0	0
	1	7	17.67	18.34	18.64		0
	1	14	17.84	18.33	18.68		0
	8	0	17.73	18.39	18.70	0-1	0
	8	4	17.70	18.40	18.75		0
	8	7	17.75	18.41	18.79		0
	15	0	17.73	18.40	18.75		0
16QAM	1	0	17.84	18.67	18.29	0-1	0
	1	7	17.82	18.70	18.32		0
	1	14	17.88	18.62	18.47		0
	8	0	17.84	18.51	18.52	0-2	0
	8	4	17.78	18.49	18.54		0
	8	7	17.77	18.52	18.56		0
	15	0	17.70	18.48	18.68		0
64QAM	1	0	17.54	18.67	18.63	0-2	0
	1	7	17.61	18.71	18.50		0
	1	14	17.66	18.67	18.67		0
	8	0	17.71	18.45	18.81	0-3	0
	8	4	17.73	18.46	18.79		0
	8	7	17.77	18.47	18.86		0
	15	0	17.86	18.44	18.78		0
256QAM	1	0	17.82	18.13	18.19	0-5	0
	1	7	17.83	18.18	18.32		0
	1	14	17.82	18.25	18.91		0
	8	0	17.67	18.49	18.88		0
	8	4	17.70	18.48	18.83		0
	8	7	17.69	18.51	18.88		0
	15	0	17.80	18.47	18.69		0

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Table H-31
LTE Band 66 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.58	18.38	18.74	0	0
	1	2	17.53	18.32	18.68		0
	1	5	17.63	18.37	18.83		0
	3	0	17.65	18.39	18.69		0
	3	2	17.68	18.38	18.67		0
	3	3	17.70	18.41	18.68		0
	6	0	17.63	18.38	18.76		0-1
16QAM	1	0	17.75	18.65	18.89	0-1	0
	1	2	17.72	18.64	18.83		0
	1	5	17.81	18.71	18.88		0
	3	0	17.79	18.41	18.86		0
	3	2	17.78	18.39	18.87		0
	3	3	17.82	18.38	18.92		0
	6	0	17.66	18.37	18.93		0-2
64QAM	1	0	17.48	18.58	18.89	0-2	0
	1	2	17.52	18.48	18.91		0
	1	5	17.49	18.62	18.92		0
	3	0	17.86	18.64	18.95		0
	3	2	17.85	18.59	18.96		0
	3	3	17.85	18.62	18.63		0
	6	0	17.94	18.48	18.78		0-3
256QAM	1	0	17.72	18.16	18.81	0-5	0
	1	2	17.94	18.13	18.83		0
	1	5	17.75	18.17	18.82		0
	3	0	17.69	18.39	18.79		0
	3	2	17.68	18.36	18.80		0
	3	3	17.67	18.37	18.70		0
	6	0	17.57	18.43	18.81		0

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H.1.5 LTE Band 66 Antenna S3

Table H-32

LTE Band 66 Antenna S3 Measured P_{limit} for ECI = 0 (Free), ECI = 1 (Grip Sensor #1 Active), ECI = 2 (Grip Sensor #2 Active), ECI = 3 (Grip Sensor #3 Active), ECI = 4 (Grip Sensor #4 Active), ECI = 5 (Grip Sensor #5 Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.20	11.38	11.73	0	0
	1	36	11.09	11.37	11.66		0
	1	74	11.20	11.52	11.79		0
	36	0	11.10	11.33	11.70	0-1	0
	36	18	11.07	11.33	11.67		0
	36	37	11.10	11.39	11.74		0
	75	0	11.13	11.36	11.71		0
16QAM	1	0	11.57	11.71	12.09	0-1	0
	1	36	11.42	11.69	12.09		0
	1	74	11.51	11.91	12.03		0
	36	0	11.13	11.35	11.73	0-2	0
	36	18	11.10	11.37	11.69		0
	36	37	11.14	11.42	11.72		0
	75	0	11.10	11.36	11.71		0
64QAM	1	0	11.40	11.53	11.90	0-2	0
	1	36	11.24	11.57	11.89		0
	1	74	11.40	11.73	12.00		0
	36	0	11.14	11.38	11.72	0-3	0
	36	18	11.13	11.36	11.70		0
	36	37	11.14	11.44	11.74		0
	75	0	11.11	11.36	11.71		0
256QAM	1	0	11.29	11.43	11.81	0-5	0
	1	36	11.21	11.43	11.87		0
	1	74	11.21	11.67	11.86		0
	36	0	11.10	11.35	11.71		0
	36	18	11.08	11.33	11.72		0
	36	37	11.11	11.41	11.76		0
	75	0	11.10	11.35	11.73		0

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Table H-33

LTE Band 66 Antenna S3 Measured P_{limit} for ECI = 0 (Free), ECI = 1 (Grip Sensor #1 Active), ECI = 2 (Grip Sensor #2 Active), ECI = 3 (Grip Sensor #3 Active), ECI = 4 (Grip Sensor #4 Active), ECI = 5 (Grip Sensor #5 Active) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.19	11.42	11.78	0	0
	1	25	11.09	11.40	11.70		0
	1	49	11.11	11.52	11.81		0
	25	0	11.14	11.40	11.77	0-1	0
	25	12	11.17	11.40	11.72		0
	25	25	11.13	11.46	11.79		0
	50	0	11.12	11.45	11.80		0
16QAM	1	0	11.55	11.66	12.17	0-1	0
	1	25	11.39	11.72	12.08		0
	1	49	11.49	11.76	12.22		0
	25	0	11.15	11.41	11.79	0-2	0
	25	12	11.13	11.40	11.74		0
	25	25	11.16	11.44	11.79		0
	50	0	11.10	11.45	11.80		0
64QAM	1	0	11.37	11.59	11.92	0-2	0
	1	25	11.27	11.58	11.88		0
	1	49	11.31	11.72	11.92		0
	25	0	11.13	11.38	11.77	0-3	0
	25	12	11.12	11.40	11.72		0
	25	25	11.14	11.42	11.77		0
	50	0	11.12	11.44	11.78		0
256QAM	1	0	11.34	11.53	11.89	0-5	0
	1	25	11.22	11.42	11.81		0
	1	49	11.21	11.57	11.87		0
	25	0	11.13	11.39	11.75		0
	25	12	11.14	11.37	11.73		0
	25	25	11.11	11.43	11.76		0
	50	0	11.10	11.44	11.76		0

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Table H-34

LTE Band 66 Antenna S3 Measured P_{limit} for ECI = 0 (Free), ECI = 1 (Grip Sensor #1 Active), ECI = 2 (Grip Sensor #2 Active), ECI = 3 (Grip Sensor #3 Active), ECI = 4 (Grip Sensor #4 Active), ECI = 5 (Grip Sensor #5 Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.15	11.39	11.74	0	0
	1	12	11.06	11.39	11.73		0
	1	24	11.09	11.43	11.80		0
	12	0	11.16	11.40	11.73	0-1	0
	12	6	11.10	11.36	11.71		0
	12	13	11.17	11.40	11.77		0
	25	0	11.16	11.42	11.80		0
16QAM	1	0	11.43	11.70	12.00	0-1	0
	1	12	11.33	11.77	12.13		0
	1	24	11.52	11.78	12.18		0
	12	0	11.24	11.43	11.80	0-2	0
	12	6	11.16	11.41	11.79		0
	12	13	11.19	11.48	11.82		0
	25	0	11.17	11.44	11.78		0
64QAM	1	0	11.41	11.61	11.93	0-2	0
	1	12	11.26	11.61	11.89		0
	1	24	11.28	11.58	11.96		0
	12	0	11.23	11.43	11.78	0-3	0
	12	6	11.17	11.42	11.75		0
	12	13	11.19	11.45	11.79		0
	25	0	11.16	11.40	11.78		0
256QAM	1	0	11.29	11.53	11.90	0-5	0
	1	12	11.15	11.45	11.79		0
	1	24	11.18	11.52	11.91		0
	12	0	11.13	11.35	11.72		0
	12	6	11.09	11.36	11.73		0
	12	13	11.12	11.44	11.72		0
	25	0	11.14	11.43	11.76		0

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Table H-35

LTE Band 66 Antenna S3 Measured P_{limit} for ECI = 0 (Free), ECI = 1 (Grip Sensor #1 Active), ECI = 2 (Grip Sensor #2 Active), ECI = 3 (Grip Sensor #3 Active), ECI = 4 (Grip Sensor #4 Active), ECI = 5 (Grip Sensor #5 Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.16	11.38	11.72	0	0
	1	7	11.11	11.42	11.73		0
	1	14	11.13	11.44	11.81		0
	8	0	11.18	11.42	11.75	0-1	0
	8	4	11.14	11.38	11.72		0
	8	7	11.13	11.41	11.72		0
	15	0	11.14	11.37	11.71		0
16QAM	1	0	11.49	11.63	12.10	0-1	0
	1	7	11.42	11.68	12.11		0
	1	14	11.48	11.80	12.14		0
	8	0	11.27	11.53	11.85	0-2	0
	8	4	11.28	11.52	11.83		0
	8	7	11.29	11.50	11.84		0
	15	0	11.22	11.45	11.74		0
64QAM	1	0	11.32	11.53	11.87	0-2	0
	1	7	11.24	11.50	11.84		0
	1	14	11.30	11.56	11.88		0
	8	0	11.23	11.46	11.82	0-3	0
	8	4	11.18	11.41	11.76		0
	8	7	11.17	11.43	11.75		0
	15	0	11.22	11.43	11.77		0
256QAM	1	0	11.29	11.45	11.81	0-5	0
	1	7	11.16	11.56	11.79		0
	1	14	11.17	11.50	11.75		0
	8	0	11.16	11.43	11.77		0
	8	4	11.21	11.39	11.79		0
	8	7	11.19	11.44	11.76		0
	15	0	11.17	11.41	11.72		0

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Table H-36

LTE Band 66 Antenna S3 Measured P_{limit} for ECI = 0 (Free), ECI = 1 (Grip Sensor #1 Active), ECI = 2 (Grip Sensor #2 Active), ECI = 3 (Grip Sensor #3 Active), ECI = 4 (Grip Sensor #4 Active), ECI = 5 (Grip Sensor #5 Active) - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.16	11.39	11.68	0	0
	1	2	11.10	11.39	11.73		0
	1	5	11.13	11.38	11.75		0
	3	0	11.08	11.34	11.67		0
	3	2	11.09	11.32	11.71		0
	3	3	11.11	11.33	11.68		0
	6	0	11.12	11.38	11.71	0-1	0
16QAM	1	0	11.41	11.81	12.06	0-1	0
	1	2	11.41	11.65	12.03		0
	1	5	11.45	11.85	11.97		0
	3	0	11.25	11.47	11.79		0
	3	2	11.23	11.46	11.80		0
	3	3	11.23	11.56	11.76		0
	6	0	11.21	11.38	11.76	0-2	0
64QAM	1	0	11.30	11.60	11.91	0-2	0
	1	2	11.34	11.58	11.98		0
	1	5	11.31	11.52	11.90		0
	3	0	11.20	11.43	11.70		0
	3	2	11.16	11.38	11.80		0
	3	3	11.14	11.38	11.74		0
	6	0	11.15	11.36	11.73	0-3	0
256QAM	1	0	11.25	11.44	11.82	0-5	0
	1	2	11.22	11.48	11.92		0
	1	5	11.28	11.54	11.90		0
	3	0	11.25	11.42	11.80		0
	3	2	11.23	11.40	11.80		0
	3	3	11.25	11.42	11.81		0
	6	0	11.15	11.38	11.64		0

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H.1.6 LTE Band 25 Antenna M1

Table H-37

LTE Band 25 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.73	23.88	23.71	0	0
	1	36	23.65	23.79	23.66		0
	1	74	23.76	23.77	23.70		0
	36	0	22.69	22.80	22.65	0-1	1
	36	18	22.70	22.83	22.63		1
	36	37	22.71	22.78	22.60		1
	75	0	22.74	22.80	22.68		1
16QAM	1	0	23.00	23.22	23.11	0-1	1
	1	36	22.88	23.00	22.98		1
	1	74	23.11	23.14	23.00		1
	36	0	21.83	21.99	21.85	0-2	2
	36	18	21.89	22.02	21.87		2
	36	37	21.92	21.99	21.85		2
	75	0	21.88	21.98	21.84		2
64QAM	1	0	22.05	22.17	22.13	0-2	2
	1	36	22.07	22.21	22.11		2
	1	74	22.13	22.12	21.97		2
	36	0	20.86	21.04	20.87	0-3	3
	36	18	20.91	21.04	20.87		3
	36	37	20.90	21.02	20.86		3
	75	0	20.89	21.01	20.81		3
256QAM	1	0	18.98	19.08	18.90	0-5	5
	1	36	18.95	19.13	18.91		5
	1	74	19.06	19.07	18.90		5
	36	0	18.82	19.01	18.83		5
	36	18	18.88	19.03	18.84		5
	36	37	18.88	18.98	18.83		5
	75	0	18.89	18.97	18.82		5

Table H-38

LTE Band 25 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.72	23.83	23.69	0	0
	1	25	23.70	23.88	23.59		0
	1	49	23.78	23.87	23.64		0
	25	0	22.71	22.85	22.68	0-1	1
	25	12	22.75	22.86	22.67		1
	25	25	22.75	22.86	22.65		1
16QAM	50	0	22.74	22.82	22.66		1
	1	0	23.07	23.19	23.09	0-1	1
	1	25	22.99	23.09	22.90		1
	1	49	22.97	23.07	23.00		1
	25	0	21.86	22.04	21.89	0-2	2
	25	12	21.85	22.04	21.86		2
25	25	21.90	22.03	21.84	2		
64QAM	50	0	21.83	21.99	21.83		2
	1	0	22.05	22.19	22.06	0-2	2
	1	25	22.01	22.22	21.99		2
	1	49	22.07	22.11	21.95		2
	25	0	20.81	20.98	20.85	0-3	3
	25	12	20.84	21.01	20.82		3
25	25	20.85	20.97	20.79	3		
256QAM	50	0	20.85	20.99	20.83		3
	1	0	18.94	19.08	18.94	0-5	5
	1	25	18.98	19.11	18.87		5
	1	49	18.93	19.09	18.95		5
	25	0	18.81	18.98	18.80		5
	25	12	18.81	19.01	18.81		5
25	25	18.86	18.99	18.79	5		
	50	0	18.82	19.00	18.82		5

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Table H-39
LTE Band 25 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.67	23.85	23.67	0	0
	1	12	23.63	23.90	23.59		0
	1	24	23.77	23.88	23.63		0
	12	0	22.73	22.87	22.69	0-1	1
	12	6	22.72	22.86	22.68		1
	12	13	22.73	22.86	22.66		1
	25	0	22.74	22.87	22.69		1
16QAM	1	0	22.89	23.22	22.99	0-1	1
	1	12	23.09	23.13	22.95		1
	1	24	22.99	23.16	22.93		1
	12	0	21.88	22.12	21.94	0-2	2
	12	6	21.87	22.06	21.90		2
	12	13	21.89	22.08	21.86		2
	25	0	21.83	22.05	21.85		2
64QAM	1	0	21.97	22.25	21.98	0-2	2
	1	12	21.98	22.15	21.97		2
	1	24	21.95	22.25	22.03		2
	12	0	20.84	21.05	20.89	0-3	3
	12	6	20.83	21.02	20.83		3
	12	13	20.87	21.04	20.83		3
	25	0	20.82	21.03	20.84		3
256QAM	1	0	18.84	19.12	18.88	0-5	5
	1	12	18.88	19.07	18.89		5
	1	24	18.97	19.14	18.92		5
	12	0	18.78	19.01	18.80		5
	12	6	18.75	18.95	18.76		5
	12	13	18.83	18.99	18.81		5
	25	0	18.81	18.99	18.81		5

Table H-40
LTE Band 25 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.67	23.85	23.61	0	0
	1	7	23.68	23.90	23.67		0
	1	14	23.66	23.85	23.61		0
	8	0	22.71	22.85	22.65	0-1	1
	8	4	22.70	22.82	22.62		1
	8	7	22.70	22.81	22.65		1
	15	0	22.68	22.85	22.64		1
16QAM	1	0	23.06	23.23	23.01	0-1	1
	1	7	22.91	23.03	22.87		1
	1	14	23.06	23.10	22.86		1
	8	0	21.98	22.14	22.01	0-2	2
	8	4	21.88	22.11	21.94		2
	8	7	21.95	22.12	21.95		2
	15	0	21.84	21.99	21.91		2
64QAM	1	0	21.94	22.17	21.97	0-2	2
	1	7	21.93	22.15	21.96		2
	1	14	21.95	22.17	21.92		2
	8	0	20.84	21.05	20.82	0-3	3
	8	4	20.79	21.02	20.84		3
	8	7	20.80	21.06	20.86		3
	15	0	20.85	21.07	20.85		3
256QAM	1	0	18.85	19.08	18.83	0-5	5
	1	7	18.89	19.09	18.88		5
	1	14	18.80	19.05	18.89		5
	8	0	18.82	19.00	18.88		5
	8	4	18.85	19.03	18.74		5
	8	7	18.78	19.00	18.78		5
	15	0	18.80	19.01	18.80		5

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Table H-41
LTE Band 25 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	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.65	23.81	23.58	0	0
	1	2	23.62	23.80	23.53		0
	1	5	23.72	23.83	23.64		0
	3	0	23.66	23.81	23.55		0
	3	2	23.67	23.83	23.57		0
	3	3	23.61	23.79	23.60		0
	6	0	22.73	22.85	22.62		0-1
16QAM	1	0	22.98	23.16	22.80	0-1	1
	1	2	22.93	23.21	22.83		1
	1	5	23.00	23.14	22.80		1
	3	0	22.73	22.95	22.64		1
	3	2	22.78	22.99	22.79		1
	3	3	22.81	22.93	22.63		1
	6	0	21.82	22.02	21.86		0-2
64QAM	1	0	21.97	22.18	21.98	0-2	2
	1	2	21.95	22.21	21.97		2
	1	5	21.95	22.26	21.97		2
	3	0	21.86	22.06	21.81		2
	3	2	21.85	22.01	21.83		2
	3	3	21.79	22.02	21.83		2
	6	0	20.73	21.03	20.76		0-3
256QAM	1	0	18.89	19.10	18.85	0-5	5
	1	2	18.85	19.11	18.87		5
	1	5	18.86	19.10	18.87		5
	3	0	18.87	19.09	18.88		5
	3	2	18.86	19.04	18.82		5
	3	3	18.89	19.07	18.83		5
	6	0	18.77	18.96	18.76		5

Table H-42
LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.74	11.90	11.80	0	0
	1	36	11.76	11.87	11.79		0
	1	74	11.89	11.86	11.75		0
	36	0	11.70	11.86	11.74	0-1	0
	36	18	11.73	11.84	11.73		0
	36	37	11.75	11.82	11.70		0
	75	0	11.78	11.87	11.75		0
16QAM	1	0	12.02	12.30	12.14	0-1	0
	1	36	12.12	12.14	12.00		0
	1	74	12.14	12.13	12.12		0
	36	0	11.74	11.86	11.77	0-2	0
	36	18	11.78	11.88	11.74		0
	36	37	11.78	11.85	11.72		0
	75	0	11.78	11.87	11.73		0
64QAM	1	0	11.92	12.12	11.97	0-2	0
	1	36	11.90	12.08	11.98		0
	1	74	12.05	12.06	11.97		0
	36	0	11.76	11.88	11.78	0-3	0
	36	18	11.81	11.91	11.77		0
	36	37	11.80	11.86	11.74		0
	75	0	11.78	11.87	11.75		0
256QAM	1	0	11.85	11.98	11.89	0-5	0
	1	36	11.87	11.96	11.83		0
	1	74	11.98	12.00	11.87		0
	36	0	11.73	11.88	11.75		0
	36	18	11.78	11.88	11.73		0
	36	37	11.79	11.83	11.74		0
	75	0	11.79	11.87	11.75		0

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Table H-43
LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.72	11.90	11.77	0	0
	1	25	11.70	11.85	11.71		0
	1	49	11.80	11.87	11.76		0
	25	0	11.77	11.87	11.76	0-1	0
	25	12	11.78	11.86	11.75		0
	25	25	11.78	11.86	11.74		0
16QAM	50	0	11.77	11.90	11.77	0	
	1	0	12.03	12.17	12.05	0-1	0
	1	25	12.05	12.10	11.94		0
	1	49	12.06	12.09	12.16		0
	25	0	11.76	11.90	11.77	0-2	0
	25	12	11.75	11.87	11.76		0
	25	25	11.77	11.89	11.74		0
50	0	11.75	11.85	11.77	0		
64QAM	1	0	11.91	12.14	12.02	0-2	0
	1	25	11.92	11.98	11.91		0
	1	49	11.90	12.08	11.91		0
	25	0	11.74	11.87	11.76	0-3	0
	25	12	11.74	11.86	11.73		0
	25	25	11.80	11.86	11.71		0
50	0	11.75	11.86	11.75	0		
256QAM	1	0	11.81	12.01	11.90	0-5	0
	1	25	11.81	11.94	11.83		0
	1	49	11.91	11.98	11.93		0
	25	0	11.75	11.89	11.77		0
	25	12	11.78	11.85	11.75		0
	25	25	11.81	11.87	11.76		0
	50	0	11.76	11.87	11.77	0	

Table H-44
LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.70	11.88	11.73	0	0
	1	12	11.68	11.81	11.68		0
	1	24	11.71	11.90	11.76		0
	12	0	11.72	11.86	11.72	0-1	0
	12	6	11.68	11.80	11.68		0
	12	13	11.77	11.84	11.71		0
	25	0	11.71	11.86	11.75		0
16QAM	1	0	11.88	12.09	11.95	0-1	0
	1	12	12.08	12.13	12.05		0
	1	24	11.97	12.10	11.99		0
	12	0	11.76	11.87	11.80	0-2	0
	12	6	11.76	11.86	11.74		0
	12	13	11.82	11.86	11.75		0
	25	0	11.74	11.88	11.75		0
64QAM	1	0	11.89	12.03	11.90	0-2	0
	1	12	11.89	12.03	11.83		0
	1	24	11.95	12.07	11.91		0
	12	0	11.77	11.88	11.78	0-3	0
	12	6	11.71	11.82	11.73		0
	12	13	11.79	11.89	11.73		0
	25	0	11.70	11.85	11.72		0
256QAM	1	0	11.85	11.99	11.85	0-5	0
	1	12	11.80	11.87	11.85		0
	1	24	11.84	12.01	11.88		0
	12	0	11.69	11.85	11.73		0
	12	6	11.72	11.79	11.71		0
	12	13	11.75	11.82	11.72		0
	25	0	11.75	11.85	11.74		0

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Table H-45
LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.60	11.82	11.65	0	0
	1	7	11.64	11.84	11.69		0
	1	14	11.69	11.83	11.69		0
	8	0	11.66	11.81	11.69	0-1	0
	8	4	11.63	11.80	11.67		0
	8	7	11.65	11.80	11.66		0
16QAM	15	0	11.63	11.80	11.67	0-1	0
	1	0	11.97	12.17	11.93		0
	1	7	11.96	12.17	12.14		0
	1	14	12.00	12.27	12.00	0-2	0
	8	0	11.83	11.92	11.81		0
	8	4	11.78	11.94	11.82		0
64QAM	8	7	11.81	11.92	11.80	0-2	0
	15	0	11.67	11.87	11.69		0
	1	0	11.82	11.96	11.88		0-3
	1	7	11.79	11.89	11.80	0	
	1	14	11.83	12.05	11.80	0	
	8	0	11.68	11.86	11.79	0	
256QAM	8	4	11.70	11.86	11.74	0-3	0
	8	7	11.73	11.85	11.72		0
	15	0	11.73	11.87	11.74		0
	1	0	11.77	11.93	11.80	0-5	0
	1	7	11.81	12.01	11.85		0
	1	14	11.78	11.92	11.86		0
8	0	11.71	11.85	11.71	0		
8	4	11.75	11.87	11.71	0		
8	7	11.71	11.84	11.74	0		
15	0	11.71	11.86	11.76	0		

Table H-46
LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.62	11.85	11.69	0	0
	1	2	11.60	11.81	11.63		0
	1	5	11.62	11.80	11.67		0
	3	0	11.64	11.78	11.62		0
	3	2	11.60	11.74	11.58		0
	3	3	11.61	11.77	11.62		0
	6	0	11.66	11.82	11.67		0
16QAM	1	0	11.94	12.04	11.88	0-1	0
	1	2	11.80	12.13	11.95		0
	1	5	11.97	12.19	11.97		0
	3	0	11.76	12.01	11.79		0
	3	2	11.80	11.92	11.73		0
	3	3	11.83	11.93	11.68		0
	6	0	11.72	11.85	11.68		0
64QAM	1	0	11.86	12.01	11.88	0-2	0
	1	2	11.80	11.96	11.82		0
	1	5	11.81	12.01	11.95		0
	3	0	11.72	11.89	11.68		0
	3	2	11.70	11.77	11.68		0
	3	3	11.67	11.86	11.68		0
	6	0	11.59	11.82	11.65		0
256QAM	1	0	11.74	11.94	11.74	0-5	0
	1	2	11.74	11.92	11.78		0
	1	5	11.82	11.99	11.81		0
	3	0	11.72	11.90	11.75		0
	3	2	11.74	11.85	11.75		0
	3	3	11.74	11.85	11.72		0
	6	0	11.65	11.74	11.68		0

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Table H-47

LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.09	19.36	19.13	0	0
	1	36	19.16	19.44	19.18		0
	1	74	19.20	19.43	19.30		0
	36	0	19.14	19.20	19.23	0-1	0
	36	18	19.18	19.26	19.26		0
	36	37	19.18	19.22	19.30		0
	75	0	19.20	19.24	19.30		0
16QAM	1	0	19.30	19.53	19.79	0-1	0
	1	36	19.35	19.62	19.86		0
	1	74	19.38	19.63	19.90		0
	36	0	19.18	19.25	19.24	0-2	0
	36	18	19.23	19.28	19.26		0
	36	37	19.23	19.29	19.26		0
	75	0	19.27	19.21	19.27		0
64QAM	1	0	19.05	19.56	19.09	0-2	0
	1	36	19.10	19.66	19.16		0
	1	74	19.21	19.65	19.15		0
	36	0	19.30	19.28	19.31	0-3	0
	36	18	19.35	19.32	19.33		0
	36	37	19.36	19.33	19.36		0
	75	0	19.27	19.28	19.25		0
256QAM	1	0	19.21	19.46	19.72	0-5	0
	1	36	19.24	19.53	19.77		0
	1	74	19.34	19.53	19.88		0
	36	0	19.18	19.30	19.23		0
	36	18	19.22	19.34	19.29		0
	36	37	19.20	19.35	19.30		0
	75	0	19.26	19.33	19.28		0

Table H-48

LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.19	19.14	19.08	0	0
	1	25	19.22	19.21	19.14		0
	1	49	19.23	19.22	19.20		0
	25	0	19.27	19.22	19.22	0-1	0
	25	12	19.28	19.29	19.23		0
	25	25	19.32	19.27	19.23		0
	50	0	19.28	19.24	19.21		0
16QAM	1	0	19.34	19.43	19.75	0-1	0
	1	25	19.36	19.51	19.76		0
	1	49	19.36	19.49	19.78		0
	25	0	19.29	19.35	19.30	0-2	0
	25	12	19.31	19.39	19.28		0
	25	25	19.34	19.40	19.30		0
	50	0	19.28	19.22	19.18		0
64QAM	1	0	19.32	19.29	19.09	0-2	0
	1	25	19.35	19.32	19.15		0
	1	49	19.32	19.30	19.11		0
	25	0	19.34	19.29	19.30	0-3	0
	25	12	19.32	19.33	19.31		0
	25	25	19.36	19.35	19.33		0
	50	0	19.33	19.25	19.21		0
256QAM	1	0	19.27	19.03	19.72	0-5	0
	1	25	19.32	19.05	19.73		0
	1	49	19.31	19.06	19.78		0
	25	0	19.28	19.28	19.27		0
	25	12	19.27	19.32	19.33		0
	25	25	19.30	19.34	19.34		0
	50	0	19.26	19.24	19.25		0

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Table H-49
LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.38	19.28	19.15	0	0
	1	12	19.35	19.27	19.13		0
	1	24	19.39	19.32	19.21		0
	12	0	19.29	19.29	19.25	0-1	0
	12	6	19.25	19.26	19.26		0
	12	13	19.29	19.28	19.29		0
16QAM	25	0	19.32	19.31	19.35	0-1	0
	1	0	19.74	19.37	19.40		0
	1	12	19.70	19.38	19.38		0
	1	24	19.73	19.40	19.47	0-2	0
	12	0	19.52	19.30	19.28		0
	12	6	19.48	19.29	19.26		0
64QAM	12	13	19.52	19.31	19.30	0-2	0
	25	0	19.29	19.33	19.36		0
	1	0	19.29	19.78	19.38	0-2	0
	1	12	19.31	19.71	19.36		0
	1	24	19.32	19.78	19.45		0-3
	12	0	19.39	19.42	19.30	0	
12	6	19.35	19.38	19.31	0		
256QAM	12	13	19.38	19.42	19.32	0-5	0
	25	0	19.35	19.36	19.32		0
	1	0	19.47	19.45	19.33		0
	1	12	19.45	19.42	19.31		0
	1	24	19.49	19.48	19.39		0
	12	0	19.37	19.40	19.29		0
	12	6	19.33	19.36	19.28		0
	12	13	19.36	19.38	19.31		0
25	0	19.31	19.31	19.35	0		

Table H-50
LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.28	19.28	19.19	0	0
	1	7	19.25	19.26	19.22		0
	1	14	19.29	19.25	19.24		0
	8	0	19.31	19.30	19.34	0-1	0
	8	4	19.32	19.29	19.30		0
	8	7	19.34	19.30	19.31		0
16QAM	15	0	19.33	19.28	19.32	0-1	0
	1	0	19.45	19.62	19.83		0
	1	7	19.42	19.54	19.84		0
	1	14	19.39	19.58	19.86	0-2	0
	8	0	19.38	19.40	19.49		0
	8	4	19.34	19.41	19.46		0
64QAM	8	7	19.37	19.37	19.47	0-2	0
	15	0	19.27	19.36	19.43		0
	1	0	19.14	19.64	19.18		0-2
	1	7	19.19	19.65	19.12	0	
	1	14	19.20	19.57	19.24	0	
	8	0	19.33	19.34	19.41	0-3	0
256QAM	8	4	19.34	19.33	19.36		0
	8	7	19.35	19.31	19.37		0
	15	0	19.46	19.34	19.38	0-5	0
	1	0	19.41	19.06	19.85		0
	1	7	19.40	19.08	19.78		0
	1	14	19.43	19.03	19.86		0
8	0	19.23	19.41	19.46	0		
8	4	19.25	19.35	19.44	0		
8	7	19.21	19.39	19.45	0		
15	0	19.40	19.35	19.31	0		

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Table H-51
LTE Band 25 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.24	19.30	19.45	0	0
	1	2	19.20	19.23	19.39		0
	1	5	19.25	19.29	19.47		0
	3	0	19.31	19.30	19.32		0
	3	2	19.30	19.31	19.33		0
	3	3	19.36	19.28	19.30		0
	6	0	19.32	19.31	19.38	0-1	0
16QAM	1	0	19.42	19.57	19.53	0-1	0
	1	2	19.36	19.55	19.44		0
	1	5	19.44	19.20	19.55		0
	3	0	19.42	19.31	19.49		0
	3	2	19.41	19.27	19.51		0
	3	3	19.43	19.29	19.52		0
	6	0	19.29	19.28	19.45	0-2	0
64QAM	1	0	19.15	19.56	19.63	0-2	0
	1	2	19.16	19.55	19.65		0
	1	5	19.19	19.59	19.68		0
	3	0	19.45	19.56	19.56		0
	3	2	19.46	19.57	19.57		0
	3	3	19.48	19.55	19.55		0
	6	0	19.26	19.36	19.26	0-3	0
256QAM	1	0	19.41	19.06	19.40	0-5	0
	1	2	19.43	19.04	19.45		0
	1	5	19.43	19.07	19.44		0
	3	0	19.37	19.30	19.45		0
	3	2	19.35	19.27	19.38		0
	3	3	19.33	19.28	19.42		0
	6	0	19.23	19.37	19.43		0

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H.1.7 LTE Band 41 PC3 Antenna M1

Table H-52

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

LTE Band 41 15 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	23.88	23.81	23.89	23.77	23.13	0	0
	1	36	23.78	23.78	23.80	23.66	23.03		0
	1	74	23.69	23.80	23.74	23.59	22.99		0
	36	0	22.79	22.79	22.76	22.68	22.05	1	
	36	18	22.75	22.78	22.72	22.63	22.00	1	
	36	37	22.75	22.78	22.68	22.58	21.98	1	
16QAM	75	0	22.81	22.83	22.75	22.67	22.03	1	
	1	0	22.97	22.88	22.93	22.81	22.16	1	
	1	36	22.86	22.86	22.79	22.68	22.05	1	
	1	74	22.79	22.86	22.76	22.59	22.02	1	
	36	0	21.77	21.74	21.71	21.64	20.98	2	
	36	18	21.72	21.72	21.66	21.58	20.94	2	
64QAM	36	37	21.72	21.73	21.63	21.53	20.92	2	
	75	0	21.77	21.79	21.72	21.65	21.00	2	
	1	0	21.55	21.47	21.53	21.41	20.78	2	
	1	36	21.47	21.43	21.41	21.30	20.67	2	
	1	74	21.41	21.47	21.38	21.21	20.64	2	
	36	0	20.81	20.79	20.77	20.69	20.04	3	
256QAM	36	18	20.74	20.78	20.70	20.63	20.00	3	
	36	37	20.75	20.76	20.69	20.58	19.99	3	
	75	0	20.83	20.81	20.75	20.65	20.04	3	
	1	0	18.84	18.72	18.75	18.66	18.04	5	
	1	36	18.69	18.64	18.60	18.52	17.89	5	
	1	74	18.67	18.67	18.59	18.47	17.91	5	
256QAM	36	0	18.91	18.88	18.82	18.78	18.13	5	
	36	18	18.86	18.86	18.78	18.73	18.10	5	
	36	37	18.86	18.86	18.76	18.66	18.08	5	
	75	0	18.91	18.88	18.79	18.73	18.11	5	

Table H-53

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

LTE Band 41 10 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	23.89	23.85	23.89	23.78	23.14	0	0
	1	25	23.71	23.74	23.73	23.59	22.99		0
	1	49	23.74	23.83	23.77	23.64	23.03		0
	25	0	22.79	22.82	22.78	22.70	22.05	0-1	1
	25	12	22.79	22.80	22.72	22.64	22.00		1
	25	25	22.78	22.80	22.72	22.61	22.00		1
	50	0	22.80	22.81	22.74	22.65	22.02		1
16QAM	1	0	22.93	22.90	22.90	22.79	22.24	0-1	1
	1	25	22.78	22.78	22.71	22.62	22.08		1
	1	49	22.83	22.87	22.78	22.67	22.13		1
	25	0	21.82	21.82	21.76	21.70	21.06	0-2	2
	25	12	21.79	21.78	21.73	21.64	21.01		2
	25	25	21.79	21.81	21.72	21.64	21.01		2
	50	0	21.82	21.81	21.73	21.65	21.02		2
64QAM	1	0	21.55	21.50	21.51	21.42	20.78	0-2	2
	1	25	21.41	21.40	21.34	21.25	20.61		2
	1	49	21.42	21.48	21.40	21.28	20.68		2
	25	0	20.76	20.76	20.73	20.65	20.00	0-3	3
	25	12	20.74	20.74	20.68	20.60	19.96		3
	25	25	20.73	20.74	20.66	20.58	19.96		3
	50	0	20.82	20.83	20.76	20.68	20.04		3
256QAM	1	0	18.86	18.76	18.71	18.66	18.02	0-5	5
	1	25	18.73	18.69	18.63	18.55	17.93		5
	1	49	18.76	18.71	18.63	18.52	17.94		5
	25	0	18.94	18.94	18.88	18.83	18.17		5
	25	12	18.96	18.93	18.84	18.78	18.15		5
	25	25	18.94	18.93	18.83	18.74	18.14		5
	50	0	19.01	18.98	18.88	18.82	18.19		5

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Table H-54
LTE Band 41 PC3 Antenna M1 Measured P_{limit} for ECI = 0 (Free) - 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	23.83	23.81	23.79	23.69	23.03	0	0	
	1	12	23.75	23.79	23.74	23.62	22.98		0	
	1	24	23.77	23.83	23.76	23.63	22.99		0	
	12	0	22.82	22.80	22.73	22.66	22.01	0-1	1	
	12	6	22.78	22.77	22.70	22.60	21.96		1	
	12	13	22.78	22.79	22.70	22.60	21.96		1	
16QAM	25	0	22.82	22.81	22.74	22.64	22.02	0-1	1	
	1	0	22.89	22.82	22.82	22.72	22.07		1	
	1	12	22.80	22.77	22.73	22.60	21.97		1	
	1	24	22.82	22.83	22.78	22.63	22.01	0-2	1	
	12	0	21.73	21.71	21.66	21.58	20.93		2	
	12	6	21.68	21.67	21.63	21.52	20.89		2	
64QAM	12	13	21.68	21.69	21.61	21.52	20.90	0-2	2	
	25	0	21.84	21.80	21.73	21.66	21.04		2	
	1	0	21.51	21.44	21.42	21.32	20.67		0-2	2
	1	12	21.42	21.41	21.35	21.24	20.62	2		
	1	24	21.43	21.44	21.37	21.26	20.63	2		
	12	0	20.74	20.71	20.67	20.58	19.95	0-3	3	
12	6	20.68	20.68	20.62	20.53	19.88	3			
12	13	20.68	20.69	20.61	20.52	19.90	3			
256QAM	25	0	20.76	20.75	20.68	20.60	19.96	0-3	3	
	1	0	18.75	18.68	18.62	18.53	17.90		0-5	5
	1	12	18.68	18.65	18.55	18.48	17.87			5
	1	24	18.69	18.66	18.59	18.47	17.87	5		
	12	0	19.00	18.97	18.88	18.80	18.15	5		
	12	6	18.95	18.93	18.83	18.75	18.12	5		
12	13	18.97	18.96	18.85	18.76	18.17	5			
256QAM	25	0	18.95	18.93	18.83	18.74	18.14	0-5	5	

Table H-55
LTE Band 41 PC3 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 15 MHz Bandwidth

LTE Band 41										
15 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	11.89	11.79	11.81	11.70	11.56	0	0	
	1	36	11.77	11.75	11.69	11.57	11.45		0-1	0
	1	74	11.69	11.75	11.64	11.47	11.42			0
	36	0	11.79	11.76	11.70	11.62	11.49	0		
	36	18	11.74	11.74	11.65	11.57	11.44	0		
	36	37	11.73	11.75	11.62	11.53	11.41	0		
16QAM	75	0	11.79	11.78	11.69	11.59	11.48	0-1	0	
	1	0	12.02	11.90	11.94	11.83	11.66		0-2	0
	1	36	11.89	11.87	11.81	11.69	11.55			0
	1	74	11.83	11.90	11.79	11.61	11.52	0-2		0
	36	0	11.75	11.71	11.64	11.57	11.45		0	
	36	18	11.71	11.71	11.62	11.54	11.41		0	
64QAM	36	37	11.69	11.68	11.59	11.49	11.37	0-2	0	
	75	0	11.78	11.76	11.69	11.59	11.48		0-2	0
	1	0	11.58	11.46	11.50	11.37	11.26			0
	1	36	11.48	11.44	11.36	11.28	11.14	0-2		0
	1	74	11.39	11.44	11.33	11.16	11.12		0-3	0
	36	0	11.81	11.77	11.72	11.63	11.52			0
256QAM	36	18	11.76	11.76	11.67	11.59	11.47	0-3		0
	36	37	11.75	11.75	11.64	11.53	11.45		0-3	0
	75	0	11.83	11.79	11.71	11.61	11.50			0
	1	0	11.75	11.66	11.66	11.55	11.44	0-5		0
	1	36	11.63	11.62	11.54	11.45	11.32		0	
	1	74	11.58	11.61	11.50	11.36	11.31		0	
256QAM	36	0	11.83	11.80	11.75	11.67	11.53	0-5	0	
	36	18	11.78	11.77	11.70	11.62	11.50		0	
	36	37	11.78	11.79	11.67	11.56	11.47		0	
	75	0	11.81	11.80	11.72	11.62	11.51		0	

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Table H-56

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

LTE Band 41 10 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	11.87	11.80	11.81	11.68	11.56	0	0	
	1	25	11.69	11.70	11.65	11.51	11.38		0	
	1	49	11.73	11.80	11.70	11.54	11.45		0	
	25	0	11.77	11.76	11.69	11.61	11.48	0-1	0	
	25	12	11.75	11.74	11.65	11.54	11.43		0	
	25	25	11.76	11.74	11.65	11.53	11.43		0	
16QAM	50	0	11.78	11.74	11.68	11.56	11.46	0-1	0	
	1	0	11.96	11.90	11.89	11.69	11.64		0	
	1	25	11.80	11.79	11.73	11.51	11.48		0	
	1	49	11.84	11.88	11.79	11.53	11.54	0-2	0	
	25	0	11.78	11.79	11.70	11.62	11.50		0	
	25	12	11.79	11.75	11.67	11.58	11.47		0	
64QAM	25	25	11.79	11.77	11.68	11.57	11.46	0-2	0	
	50	0	11.79	11.77	11.69	11.58	11.48		0	
	1	0	11.57	11.48	11.48	11.38	11.26		0-2	0
	1	25	11.41	11.40	11.32	11.20	11.08	0		
	1	49	11.44	11.49	11.38	11.22	11.13	0		
	25	0	11.74	11.73	11.66	11.59	11.46	0-3	0	
25	12	11.75	11.70	11.63	11.53	11.42	0			
25	25	11.74	11.73	11.61	11.50	11.42	0			
256QAM	50	0	11.81	11.80	11.72	11.62	11.51	0-3	0	
	1	0	11.73	11.66	11.65	11.54	11.41		0-5	0
	1	25	11.58	11.54	11.48	11.37	11.26			0
	1	49	11.63	11.65	11.56	11.42	11.34	0		
	25	0	11.79	11.79	11.72	11.64	11.52	0		
	25	12	11.79	11.76	11.69	11.58	11.49	0		
256QAM	25	25	11.80	11.79	11.69	11.57	11.49	0-5	0	
	50	0	11.83	11.81	11.72	11.64	11.53		0	

Table H-57

LTE Band 41 PC3 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.80	11.75	11.70	11.59	11.46	0	0
	1	12	11.71	11.71	11.63	11.54	11.40		0
	1	24	11.72	11.74	11.67	11.53	11.42		0
	12	0	11.76	11.72	11.65	11.57	11.45	0-1	0
	12	6	11.73	11.71	11.62	11.52	11.41		0
	12	13	11.72	11.72	11.62	11.52	11.43		0
16QAM	25	0	11.77	11.76	11.68	11.56	11.46	0	
	1	0	11.92	11.86	11.83	11.71	11.54	0-1	0
	1	12	11.82	11.82	11.74	11.64	11.48		0
	1	24	11.85	11.87	11.78	11.64	11.49		0
	12	0	11.70	11.66	11.59	11.51	11.38	0-2	0
	12	6	11.66	11.63	11.55	11.46	11.35		0
64QAM	12	13	11.66	11.66	11.55	11.46	11.36		0
	25	0	11.80	11.78	11.70	11.59	11.50	0	
	1	0	11.48	11.43	11.38	11.26	11.15	0-2	0
	1	12	11.40	11.37	11.31	11.20	11.08		0
	1	24	11.41	11.42	11.35	11.21	11.12		0
	12	0	11.72	11.70	11.59	11.51	11.40	0-3	0
256QAM	12	6	11.67	11.65	11.56	11.49	11.37		0
	12	13	11.68	11.68	11.58	11.47	11.37		0
	25	0	11.76	11.73	11.65	11.54	11.43	0-5	0
	1	0	11.62	11.60	11.54	11.43	11.31		0
	1	12	11.55	11.53	11.48	11.35	11.25		0
	1	24	11.55	11.57	11.49	11.37	11.26	0	
12	0	11.86	11.82	11.75	11.65	11.53	0		
12	6	11.83	11.80	11.71	11.60	11.50	0		
12	13	11.84	11.84	11.72	11.61	11.53	0		
25	0	11.81	11.79	11.70	11.60	11.50	0		

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Table H-58

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

LTE Band 41									
15 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	17.44	17.34	17.38	17.26	17.33	0	0
	1	36	17.31	17.28	17.24	17.12	17.19		0
	1	74	17.25	17.32	17.22	17.05	17.17		0
	36	0	17.31	17.28	17.23	17.14	17.22	0-1	0
	36	18	17.26	17.26	17.17	17.09	17.16		0
	36	37	17.26	17.26	17.16	17.05	17.14		0
	75	0	17.32	17.30	17.22	17.12	17.19	0	
16QAM	1	0	17.54	17.46	17.50	17.36	17.44	0-1	0
	1	36	17.40	17.40	17.34	17.21	17.28		0
	1	74	17.35	17.45	17.33	17.17	17.28		0
	36	0	17.27	17.23	17.19	17.09	17.16	0-2	0
	36	18	17.22	17.21	17.14	17.04	17.12		0
	36	37	17.21	17.21	17.11	17.01	17.10		0
	75	0	17.29	17.28	17.19	17.09	17.18	0	
64QAM	1	0	17.10	16.99	17.04	16.92	17.00	0-2	0
	1	36	16.98	16.93	16.90	16.75	16.85		0
	1	74	16.93	16.99	16.87	16.81	16.84		0
	36	0	17.32	17.30	17.24	17.15	17.21	0-3	0
	36	18	17.26	17.27	17.17	17.08	17.18		0
	36	37	17.26	17.27	17.17	17.05	17.17		0
	75	0	17.33	17.30	17.22	17.13	17.21	0	
256QAM	1	0	17.25	17.15	17.16	17.06	17.14	0-5	0
	1	36	17.10	17.07	17.02	16.91	17.00		0
	1	74	17.10	17.11	17.02	16.86	17.01		0
	36	0	17.35	17.32	17.26	17.18	17.25		0
	36	18	17.29	17.31	17.21	17.13	17.20		0
	36	37	17.29	17.30	17.20	17.07	17.18		0
	75	0	17.33	17.32	17.24	17.15	17.23		0

Table H-59

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

LTE Band 41									
10 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	17.44	17.39	17.37	17.26	17.32	0	0
	1	25	17.31	17.29	17.25	17.12	17.18		0
	1	49	17.30	17.34	17.25	17.10	17.20		0
	25	0	17.36	17.34	17.29	17.20	17.28	0-1	0
	25	12	17.36	17.33	17.25	17.16	17.23		0
	25	25	17.34	17.33	17.22	17.12	17.23		0
	50	0	17.36	17.33	17.24	17.14	17.25		0
16QAM	1	0	17.51	17.46	17.46	17.34	17.34	0-1	0
	1	25	17.42	17.41	17.35	17.23	17.23		0
	1	49	17.39	17.45	17.36	17.21	17.24		0
	25	0	17.37	17.35	17.30	17.21	17.28	0-2	0
	25	12	17.36	17.34	17.26	17.17	17.25		0
	25	25	17.36	17.35	17.23	17.13	17.25		0
	50	0	17.37	17.34	17.25	17.16	17.27		0
64QAM	1	0	17.08	17.01	17.03	16.92	16.99	0-2	0
	1	25	16.98	16.97	16.93	16.81	16.88		0
	1	49	16.99	16.98	16.92	16.82	16.89		0
	25	0	17.31	17.29	17.24	17.15	17.23	0-3	0
	25	12	17.31	17.29	17.21	17.12	17.21		0
	25	25	17.30	17.29	17.19	17.08	17.19		0
	50	0	17.39	17.38	17.29	17.19	17.29		0
256QAM	1	0	17.23	17.15	17.14	17.06	17.12	0-5	0
	1	25	17.15	17.10	17.03	16.92	17.04		0
	1	49	17.15	17.16	17.06	16.92	17.08		0
	25	0	17.37	17.36	17.30	17.23	17.30		0
	25	12	17.37	17.35	17.27	17.17	17.27		0
	25	25	17.37	17.37	17.25	17.15	17.26		0
	50	0	17.42	17.41	17.32	17.23	17.31		0

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Table H-60

LTE Band 41 PC3 Antenna M1 Measured P_{limit} for ECI = 3 (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	17.36	17.32	17.30	17.18	17.14	0	0	
	1	12	17.29	17.30	17.24	17.11	17.06		0	
	1	24	17.29	17.32	17.25	17.11	17.08		0	
	12	0	17.33	17.31	17.24	17.15	17.12		0	
	12	6	17.29	17.27	17.19	17.10	17.07		0	
	12	13	17.29	17.28	17.19	17.10	17.07		0	
	25	0	17.34	17.31	17.23	17.13	17.12		0	
16QAM	1	0	17.46	17.38	17.38	17.24	17.22	0	0	
	1	12	17.35	17.35	17.30	17.16	17.15		0-1	0
	1	24	17.39	17.39	17.31	17.19	17.18			0
	12	0	17.27	17.23	17.16	17.07	17.04			0
	12	6	17.20	17.19	17.09	17.02	16.99		0-2	0
	12	13	17.22	17.20	17.11	17.01	17.01			0
	25	0	17.36	17.33	17.23	17.15	17.13			0
64QAM	1	0	17.03	16.96	16.95	16.82	16.81	0	0	
	1	12	16.95	16.92	16.85	16.74	16.79		0-2	0
	1	24	16.94	16.93	16.86	16.81	16.74			0
	12	0	17.26	17.23	17.15	17.07	17.05			0-3
	12	6	17.23	17.21	17.11	17.03	17.02		0	
	12	13	17.23	17.21	17.11	17.02	17.03		0	
	25	0	17.30	17.26	17.19	17.11	17.08		0	
256QAM	1	0	17.17	17.09	17.04	16.93	16.94	0	0	
	1	12	17.08	17.02	16.97	16.86	16.87		0	
	1	24	17.10	17.07	16.99	16.87	16.90		0	
	12	0	17.42	17.38	17.30	17.23	17.21		0-5	0
	12	6	17.37	17.36	17.26	17.17	17.15			0
	12	13	17.39	17.39	17.28	17.19	17.16			0
	25	0	17.36	17.33	17.25	17.17	17.16			0

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H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band 5 Antenna M1

Table H-61
NR Band 5 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.07	0	0.0
	1	40	23.07		0.0
	1	77	23.14		0.0
	36	0	22.24	0-1	1.0
	36	22	23.24	0	0.0
	36	43	22.27	0-1	1.0
	75	0	22.23		1.0
DFT-s-OFDM 16QAM	1	1	22.38	0-1	1.0
CP-OFDM QPSK	1	1	21.64	0-1.5	1.5

Table H-62
NR Band 5 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.07	0	0.0
	1	26	23.06		0.0
	1	50	23.12		0.0
	25	0	22.22	0-1	1.0
	25	14	23.21	0	0.0
	25	27	22.22	0-1	1.0
	50	0	22.24		1.0
DFT-s-OFDM 16QAM	1	1	22.42	0-1	1.0
CP-OFDM QPSK	1	1	21.63	0-1.5	1.5

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Table H-63
NR Band 5 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.13	23.06	23.08	0	0.0
	1	13	23.03	23.05	22.98		0.0
	1	23	23.05	23.09	23.06		0.0
	12	0	22.22	22.27	22.26	0-1	1.0
	12	7	23.21	23.26	23.25	0	0.0
	12	13	22.22	22.24	22.22	0-1	1.0
	25	0	22.22	22.23	22.22		1.0
DFT-s-OFDM 16QAM	1	1	22.27	22.40	22.24	0-1	1.0
CP-OFDM QPSK	1	1	21.58	21.60	21.53	0-1.5	1.5

Table H-64
NR Band 5 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.13	0	0.0
	1	40	12.11		0.0
	1	77	12.13		0.0
	36	0	12.23	0-1	0.0
	36	22	12.25	0	0.0
	36	43	12.28	0-1	0.0
	75	0	12.23		0.0
DFT-s-OFDM 16QAM	1	1	12.34	0-1	0.0
CP-OFDM QPSK	1	1	12.09	0-1.5	0.0

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Table H-65
NR Band 5 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.09	0	0.0
	1	26	12.05		0.0
	1	50	12.08		0.0
	25	0	12.27	0-1	0.0
	25	14	12.23	0	0.0
	25	27	12.26	0-1	0.0
	50	0	12.23		0.0
DFT-s-OFDM 16QAM	1	1	12.35	0-1	0.0
CP-OFDM QPSK	1	1	12.12	0-1.5	0.0

Table H-66
NR Band 5 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	12.13	12.08	12.11	0	0.0
	1	13	12.05	12.03	11.97		0.0
	1	23	12.07	12.09	12.01		0.0
	12	0	12.23	12.29	12.26	0-1	0.0
	12	7	12.23	12.24	12.22	0	0.0
	12	13	12.22	12.27	12.18	0-1	0.0
	25	0	12.20	12.27	12.21		0.0
DFT-s-OFDM 16QAM	1	1	12.33	12.40	12.29	0-1	0.0
CP-OFDM QPSK	1	1	12.10	12.10	12.07	0-1.5	0.0

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H.2.2 NR Band 66 Antenna M1

Table H-67
NR Band 66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.76	0	0.0
	1	80	24.02		0.0
	1	158	24.00		0.0
	80	0	23.02	0-1	1.0
	80	40	24.12	0	0.0
	80	80	23.08	0-1	1.0
	160	0	23.05		1.0
DFT-s-OFDM 16QAM	1	1	22.93	0-1	1.0
CP-OFDM QPSK	1	1	22.29	0-1.5	1.5

Table H-68
NR Band 66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.77	0	0.0
	1	67	24.02		0.0
	1	131	23.96		0.0
	64	0	23.06	0-1	1.0
	64	35	24.14	0	0.0
	64	69	23.11	0-1	1.0
	128	0	23.05		1.0
DFT-s-OFDM 16QAM	1	1	22.97	0-1	1.0
CP-OFDM QPSK	1	1	22.33	0-1.5	1.5

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Table H-69
NR Band 66 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	23.23	23.94	23.78	0	0.0
	1	53	23.37	24.13	23.77		0.0
	1	104	23.53	24.10	23.90		0.0
	50	0	22.41	23.16	22.95	0-1	1.0
	50	28	23.48	24.21	23.92	0	0.0
	50	56	22.58	23.23	22.95	0-1	1.0
	100	0	22.46	23.18	22.90		1.0
DFT-s-OFDM 16QAM	1	1	22.34	23.15	22.99	0-1	1.0
CP-OFDM QPSK	1	1	21.79	22.56	22.49	0-1.5	1.5

Table H-70
NR Band 66 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	23.26	23.98	23.80	0	0.0
	1	40	23.35	24.14	23.78		0.0
	1	77	23.50	24.17	23.88		0.0
	36	0	22.38	23.15	22.89	0-1	1.0
	36	22	23.43	24.23	23.89	0	0.0
	36	43	22.49	23.24	22.92	0-1	1.0
	75	0	22.48	23.20	22.88		1.0
DFT-s-OFDM 16QAM	1	1	22.40	23.21	22.99	0-1	1.0
CP-OFDM QPSK	1	1	21.79	22.60	22.39	0-1.5	1.5

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Table H-71
NR Band 66 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	23.23	23.97	23.81	0	0.0
	1	26	23.29	24.09	23.82		0.0
	1	50	23.40	24.12	23.89		0.0
	25	0	22.36	23.15	22.93	0-1	1.0
	25	14	23.41	24.22	23.95	0	0.0
	25	27	22.45	23.21	22.95	0-1	1.0
	50	0	22.42	23.17	22.93		1.0
DFT-s-OFDM 16QAM	1	1	22.37	23.18	22.95	0-1	1.0
CP-OFDM QPSK	1	1	21.79	22.60	22.40	0-1.5	1.5

Table H-72
NR Band 66 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	23.19	24.04	23.84	0	0.0
	1	13	23.14	24.06	23.78		0.0
	1	23	23.23	24.14	23.91		0.0
	12	0	22.31	23.22	22.94	0-1	1.0
	12	7	23.30	24.23	23.93	0	0.0
	12	13	22.32	23.24	22.98	0-1	1.0
	25	0	22.35	23.24	22.96		1.0
DFT-s-OFDM 16QAM	1	1	22.34	23.24	22.93	0-1	1.0
CP-OFDM QPSK	1	1	21.71	22.63	22.31	0-1.5	1.5

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Table H-73
NR Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.55	0	0.0
	1	80	12.82		0.0
	1	158	12.74		0.0
	80	0	12.78	0-1	0.0
	80	40	12.88	0	0.0
	80	80	12.89	0-1	0.0
	160	0	12.83		0.0
DFT-s-OFDM 16QAM	1	1	12.70	0-1	0.0
CP-OFDM QPSK	1	1	12.49	0-1.5	0.0

Table H-74
NR Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 Active) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.51	0	0.0
	1	67	12.78		0.0
	1	131	12.75		0.0
	64	0	12.84	0-1	0.0
	64	35	12.85	0	0.0
	64	69	12.88	0-1	0.0
	128	0	12.81		0.0
DFT-s-OFDM 16QAM	1	1	12.75	0-1	0.0
CP-OFDM QPSK	1	1	12.51	0-1.5	0.0

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Table H-75
NR Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	12.07	12.63	12.51	0	0.0
	1	53	12.12	12.86	12.46		0.0
	1	104	12.23	12.82	12.60		0.0
	50	0	12.08	12.90	12.64	0-1	0.0
	50	28	12.19	12.90	12.62	0	0.0
	50	56	12.28	12.95	12.65	0-1	0.0
	100	0	12.13	12.93	12.62		0.0
DFT-s-OFDM 16QAM	1	1	12.05	12.86	12.72	0-1	0.0
CP-OFDM QPSK	1	1	12.03	12.65	12.49	0-1.5	0.0

Table H-76
NR Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	12.01	12.69	12.54	0	0.0
	1	40	12.02	12.84	12.43		0.0
	1	77	12.16	12.87	12.57		0.0
	36	0	12.07	12.88	12.58	0-1	0.0
	36	22	12.14	12.94	12.57	0	0.0
	36	43	12.21	12.96	12.60	0-1	0.0
	75	0	12.15	12.95	12.61		0.0
DFT-s-OFDM 16QAM	1	1	12.08	12.96	12.72	0-1	0.0
CP-OFDM QPSK	1	1	12.03	12.73	12.49	0-1.5	0.0

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Table H-77
NR Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	12.05	12.65	12.48	0	0.0
	1	26	12.08	12.78	12.47		0.0
	1	50	12.11	12.81	12.55		0.0
	25	0	12.07	12.85	12.61	0-1	0.0
	25	14	12.12	12.90	12.62	0	0.0
	25	27	12.14	12.95	12.66	0-1	0.0
	50	0	12.13	12.88	12.63		0.0
DFT-s-OFDM 16QAM	1	1	12.14	12.88	12.74	0-1	0.0
CP-OFDM QPSK	1	1	12.09	12.69	12.47	0-1.5	0.0

Table H-78
NR Band 66 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	12.01	12.76	12.47	0	0.0
	1	13	12.05	12.77	12.44		0.0
	1	23	12.06	12.82	12.56		0.0
	12	0	12.01	12.91	12.65	0-1	0.0
	12	7	12.01	12.92	12.64	0	0.0
	12	13	12.03	12.95	12.66	0-1	0.0
	25	0	12.02	12.97	12.67		0.0
DFT-s-OFDM 16QAM	1	1	12.10	13.01	12.73	0-1	0.0
CP-OFDM QPSK	1	1	12.05	12.77	12.52	0-1.5	0.0

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Table H-79
NR Band n66 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.65	0	0.0
	1	80	17.89		0.0
	1	158	17.93		0.0
	80	0	18.02	0-1	0.0
	80	40	18.11	0	0.0
	80	80	18.10		0.0
	160	0	18.08		0.0
DFT-s-OFDM 16QAM	1	1	17.55	0-1	0.0
CP-OFDM QPSK	1	1	17.81	0-1.5	0.0

Table H-80
NR Band n66 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 Active) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.66	0	0.0
	1	67	17.77		0.0
	1	131	17.89		0.0
	64	0	18.09	0-1	0.0
	64	35	18.13	0	0.0
	64	69	18.14		0.0
	128	0	18.11		0.0
DFT-s-OFDM 16QAM	1	1	17.61	0-1	0.0
CP-OFDM QPSK	1	1	17.84	0-1.5	0.0

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Table H-81
NR Band n66 Antenna M1 Measured P_{limit} for ECI = 3 (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	17.57	17.88	17.79	0	0.0
	1	53	17.73	17.75	17.98		0.0
	1	104	17.85	18.03	18.05		0.0
	50	0	17.67	18.24	18.25	0-1	0.0
	50	28	17.82	18.29	18.23	0	0.0
	50	56	17.93	18.30	18.20	0-1	0.0
	100	0	17.78	18.29	18.22		0.0
DFT-s-OFDM 16QAM	1	1	17.76	17.71	18.27	0-1	0.0
CP-OFDM QPSK	1	1	17.46	18.07	18.12	0-1.5	0.0

Table H-82
NR Band n66 Antenna M1 Measured P_{limit} for ECI = 3 (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	17.46	17.75	17.98	0	0.0
	1	40	17.65	18.10	18.05		0.0
	1	77	17.77	17.97	18.09		0.0
	36	0	17.65	18.23	18.01	0-1	0.0
	36	22	17.78	17.98	18.17	0	0.0
	36	43	17.84	18.05	18.19	0-1	0.0
	75	0	17.77	18.23	18.18		0.0
DFT-s-OFDM 16QAM	1	1	17.80	17.59	18.24	0-1	0.0
CP-OFDM QPSK	1	1	17.48	18.09	18.07	0-1.5	0.0

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Table H-83
NR Band n66 Antenna M1 Measured P_{limit} for ECI = 3 (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	17.54	17.98	18.11	0	0.0
	1	26	17.67	18.10	17.99		0.0
	1	50	17.84	17.86	18.05		0.0
	25	0	17.64	18.25	18.27	0-1	0.0
	25	14	17.71	18.27	18.25	0	0.0
	25	27	17.79	18.28	18.26	0-1	0.0
	50	0	17.69	18.27	18.21		0.0
DFT-s-OFDM 16QAM	1	1	17.80	17.76	18.37	0-1	0.0
CP-OFDM QPSK	1	1	17.52	18.17	18.21	0-1.5	0.0

Table H-84
NR Band n66 Antenna M1 Measured P_{limit} for ECI = 3 (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	17.43	18.10	18.15	0	0.0
	1	13	17.41	17.98	18.09		0.0
	1	23	17.57	18.09	18.22		0.0
	12	0	17.47	18.05	18.23	0-1	0.0
	12	7	17.52	18.11	18.21	0	0.0
	12	13	17.58	17.98	18.26	0-1	0.0
	25	0	17.55	18.12	18.24		0.0
DFT-s-OFDM 16QAM	1	1	17.65	17.67	18.23	0-1	0.0
CP-OFDM QPSK	1	1	17.39	18.20	18.16	0-1.5	0.0

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H.2.3 NR Band 25 Antenna M1

Table H-85
NR Band 25 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	23.50	23.52	23.46	0	0.0
	1	40	23.49	23.48	23.47		0.0
	1	77	23.54	23.45	23.48		0.0
	36	0	22.53	22.55	22.50	0-1	1.0
	36	22	23.58	23.58	23.51	0	0.0
	36	43	22.58	22.50	22.51	0-1	1.0
	75	0	22.56	22.54	22.52		1.0
DFT-s-OFDM 16QAM	1	1	22.52	22.58	22.51	0-1	1.0
CP-OFDM QPSK	1	1	21.94	22.00	21.82	0-1.5	1.5

Table H-86
NR Band 25 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	23.48	23.47	23.42	0	0.0
	1	26	23.47	23.45	23.40		0.0
	1	50	23.48	23.40	23.43		0.0
	25	0	22.51	22.52	22.49	0-1	1.0
	25	14	23.54	23.53	23.48	0	0.0
	25	27	22.56	22.48	22.45	0-1	1.0
	50	0	22.56	22.52	22.49		1.0
DFT-s-OFDM 16QAM	1	1	22.49	22.51	22.34	0-1	1.0
CP-OFDM QPSK	1	1	21.95	21.94	21.77	0-1.5	1.5

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Table H-87

NR Band 25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth						
			Channel			MPR Allowed per 3GPP [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	23.44	23.49	23.42	0
	1	13	23.34	23.43	23.41	
	1	23	23.45	23.48	23.44	
	12	0	22.49	22.60	22.49	0-1
	12	7	23.49	23.54	23.50	0
	12	13	22.51	22.54	22.49	0-1
	25	0	22.47	22.56	22.45	
DFT-s-OFDM 16QAM	1	1	22.44	22.55	22.35	0-1
CP-OFDM QPSK	1	1	21.84	21.91	21.73	0-1.5

Table H-88

NR Band 25 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	12.11	12.13	12.08	0	0.0
	1	40	12.04	12.03	11.99		0.0
	1	77	12.13	12.05	12.12		0.0
	36	0	12.16	12.15	12.13	0-1	0.0
	36	22	12.14	12.12	12.10	0	0.0
	36	43	12.20	12.11	12.10	0-1	0.0
	75	0	12.18	12.16	12.13		0.0
DFT-s-OFDM 16QAM	1	1	12.33	12.36	12.27	0-1	0.0
CP-OFDM QPSK	1	1	12.07	12.12	12.05	0-1.5	0.0

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Table H-89
NR Band 25 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	12.06	12.10	12.01	0	0.0
	1	26	12.07	12.05	11.99		0.0
	1	50	12.12	12.04	12.04		0.0
	25	0	12.17	12.17	12.14	0-1	0.0
	25	14	12.18	12.16	12.12	0	0.0
	25	27	12.21	12.14	12.14	0-1	0.0
	50	0	12.18	12.18	12.12		0.0
DFT-s-OFDM 16QAM	1	1	12.29	12.32	12.25	0-1	0.0
CP-OFDM QPSK	1	1	12.06	12.04	12.01	0-1.5	0.0

Table H-90
NR Band 25 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	12.03	12.10	11.98	0	0.0
	1	13	11.95	12.03	12.01		0.0
	1	23	12.12	12.08	12.03		0.0
	12	0	12.13	12.22	12.13	0-1	0.0
	12	7	12.11	12.18	12.12	0	0.0
	12	13	12.14	12.23	12.15	0-1	0.0
	25	0	12.14	12.21	12.12		0.0
DFT-s-OFDM 16QAM	1	1	12.22	12.35	12.19	0-1	0.0
CP-OFDM QPSK	1	1	12.00	12.07	11.95	0-1.5	0.0

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Table H-91

NR Band n25 Antenna M1 Measured P_{limit} for ECI = 3 (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	18.87	18.99	19.05	0	0.0
	1	40	18.92	19.07	18.98		0.0
	1	77	18.92	19.08	19.02		0.0
	36	0	18.90	19.03	19.05	0-1	0.0
	36	22	18.96	19.07	19.05	0	0.0
	36	43	18.96	19.06	19.03	0-1	0.0
	75	0	18.95	19.03	19.05		0.0
DFT-s-OFDM 16QAM	1	1	18.96	18.95	18.98	0-1	0.0
CP-OFDM QPSK	1	1	18.84	18.95	19.05	0-1.5	0.0

Table H-92

NR Band n25 Antenna M1 Measured P_{limit} for ECI = 3 (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	18.90	19.01	18.99	0	0.0
	1	26	18.87	19.00	18.95		0.0
	1	50	18.93	19.07	19.00		0.0
	25	0	18.92	19.04	19.01	0-1	0.0
	25	14	18.90	19.04	19.00	0	0.0
	25	27	18.94	19.03	18.96	0-1	0.0
	50	0	18.91	19.01	19.00		0.0
DFT-s-OFDM 16QAM	1	1	18.85	18.87	18.89	0-1	0.0
CP-OFDM QPSK	1	1	18.86	19.00	18.99	0-1.5	0.0

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Table H-93
NR Band n25 Antenna M1 Measured P_{limit} for ECI = 3 (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	18.80	19.05	18.91	0	0.0
	1	13	18.73	18.96	18.84		0.0
	1	23	18.82	19.05	18.94		0.0
	12	0	18.87	19.06	19.02	0-1	0.0
	12	7	18.84	19.04	18.98	0	0.0
	12	13	18.84	19.05	18.98	0-1	0.0
	25	0	18.82	19.07	18.96		0.0
DFT-s-OFDM 16QAM	1	1	18.74	18.77	18.79	0-1	0.0
CP-OFDM QPSK	1	1	18.77	19.01	18.85	0-1.5	0.0

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Table H-94
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	18.86	18.75	0	0.0	
	1	123	18.76	18.69		0.0	
	1	243	18.66	18.70		0.0	
	120	0	18.87	18.87	0-1	0.0	
	120	63	18.83	18.77	0	0.0	
	120	125	18.84	18.79	0-1	0.0	
	243	0	18.87	18.83		0.0	
DFT-s-OFDM 16QAM	1	1	18.98	18.88	0-1	0.0	
CP-OFDM QPSK	1	1	18.92	18.80	0-1.5	0.0	

Table H-95
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	18.93	18.79	0	0.0
	1	109	18.77	18.62		0.0
	1	215	18.81	18.79		0.0
	108	0	18.90	18.85	0-1	0.0
	108	55	18.81	18.68	0	0.0
	108	109	18.82	18.76	0-1	0.0
	216	0	18.81	18.80		0.0
DFT-s-OFDM 16QAM	1	1	18.98	18.97	0-1	0.0
CP-OFDM QPSK	1	1	18.87	18.94	0-1.5	0.0

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Table H-96
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	18.89	18.84	0	0.0
	1	95	18.79	18.67		0.0
	1	187	18.74	18.75		0.0
	90	0	18.85	18.78	0-1	0.0
	90	50	18.87	18.72	0	0.0
	90	99	18.80	18.78	0-1	0.0
	180	0	18.81	18.75		0.0
DFT-s-OFDM 16QAM	1	1	18.89	18.86	0-1	0.0
CP-OFDM QPSK	1	1	18.76	18.72	0-1.5	0.0

Table H-97
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	18.74	18.70	18.62	0	0.0
	1	81	18.72	18.68	18.55		0.0
	1	160	18.66	18.67	18.62		0.0
	81	0	18.80	18.70	18.63	0-1	0.0
	81	41	18.78	18.75	18.62	0	0.0
	81	81	18.73	18.78	18.67	0-1	0.0
	162	0	18.81	18.73	18.66		0.0
DFT-s-OFDM 16QAM	1	1	18.80	18.54	18.88	0-1	0.0
CP-OFDM QPSK	1	1	18.61	18.64	18.61	0-1.5	0.0

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Table H-98
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	18.72	18.68	18.51	0	0.0
	1	67	18.83	18.75	18.53		0.0
	1	131	18.46	18.73	18.71		0.0
	64	0	18.90	18.78	18.75	0-1	0.0
	64	35	18.86	18.85	18.72	0	0.0
	64	69	18.80	18.89	18.75	0-1	0.0
	128	0	18.77	18.79	18.70		0.0
DFT-s-OFDM 16QAM	1	1	18.78	18.50	18.76	0-1	0.0
CP-OFDM QPSK	1	1	18.91	18.53	18.59	0-1.5	0.0

Table H-99
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	18.81	18.73	18.85	18.57	0	0.0
	1	53	18.91	18.71	18.73	18.61		0.0
	1	104	18.78	18.83	18.63	18.68		0.0
	50	0	18.90	18.71	18.80	18.66	0-1	0.0
	50	28	18.90	18.83	18.83	18.72	0	0.0
	50	56	18.80	18.78	18.75	18.73	0-1	0.0
	100	0	18.86	18.79	18.83	18.68		0.0
DFT-s-OFDM 16QAM	1	1	18.98	18.88	18.82	18.82	0-1	0.0
CP-OFDM QPSK	1	1	18.99	18.77	18.80	18.57	0-1.5	0.0

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Table H-100
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	18.85	18.71	18.75	18.72	18.46	0	0.0
	1	39	18.87	18.73	18.93	18.67	18.48		0.0
	1	76	18.88	18.74	18.87	18.69	18.50		0.0
	36	0	18.89	18.78	18.82	18.73	18.58	0-1	0.0
	36	21	18.90	18.79	18.84	18.75	18.69	0	0.0
	36	42	18.88	18.80	18.82	18.70	18.72	0-1	0.0
	75	0	18.89	18.75	18.83	18.74	18.69		0.0
DFT-s-OFDM 16QAM	1	1	18.97	18.93	18.56	18.99	18.79	0-1	0.0
CP-OFDM QPSK	1	1	18.85	18.94	18.50	18.83	18.60	0-1.5	0.0

Table H-101
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	18.86	18.82	18.77	18.87	18.71	0	0.0
	1	26	18.87	18.64	18.59	18.58	18.77		0.0
	1	49	18.97	18.71	18.89	18.70	18.74		0.0
	25	0	18.87	18.81	18.86	18.78	18.73	0-1	0.0
	25	13	18.93	18.76	18.83	18.76	18.78	0	0.0
	25	26	18.99	18.80	18.89	18.75	18.81	0-1	0.0
	50	0	18.96	18.82	18.87	18.73	18.75		0.0
DFT-s-OFDM 16QAM	1	1	18.90	18.93	18.53	18.99	18.91	0-1	0.0
CP-OFDM QPSK	1	1	18.74	18.84	18.57	18.81	18.75	0-1.5	0.0

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Table H-102
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	18.84	18.79	18.76	18.68	18.76	0	0.0
	1	19	18.87	18.83	18.79	18.65	18.71		0.0
	1	36	18.97	18.81	18.88	18.87	18.87		0.0
	18	0	18.78	18.70	18.72	18.63	18.67	0-1	0.0
	18	10	18.85	18.65	18.73	18.62	18.66	0	0.0
	18	20	18.91	18.74	18.77	18.65	18.70	0-1	0.0
	36	0	18.99	18.81	18.89	18.72	18.69		0.0
DFT-s-OFDM 16QAM	1	1	18.98	18.86	18.54	18.87	18.83	0-1	0.0
CP-OFDM QPSK	1	1	18.87	18.82	18.50	18.89	18.80	0-1.5	0.0

Table H-103
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	18.60	18.61	18.65	18.79	18.43	0	0.0
	1	12	18.58	18.63	18.59	18.69	18.42		0.0
	1	22	18.57	18.67	18.60	18.64	18.62		0.0
	12	0	18.60	18.68	18.77	18.65	18.64	0-1	0.0
	12	6	18.65	18.69	18.67	18.75	18.66	0	0.0
	12	12	18.68	18.70	18.69	18.72	18.67	0-1	0.0
	24	0	18.63	18.65	18.63	18.70	18.63		0.0
DFT-s-OFDM 16QAM	1	1	18.44	18.83	18.56	18.79	18.69	0-1	0.0
CP-OFDM QPSK	1	1	18.54	18.84	18.53	18.66	18.58	0-1.5	0.0

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Table H-104
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.85	11.82	0	0.0
	1	123	11.81	11.67		0.0
	1	243	11.79	11.79		0.0
	120	0	11.83	11.84	0-1	0.0
	120	63	11.81	11.75	0	0.0
	120	125	11.77	11.74	0-1	0.0
	243	0	11.79	11.84		0.0
DFT-s-OFDM 16QAM	1	1	11.99	11.96	0-1	0.0
CP-OFDM QPSK	1	1	11.82	11.56	0-1.5	0.0

Table H-105
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.86	11.83	0	0.0
	1	109	11.90	11.73		0.0
	1	215	11.85	11.70		0.0
	108	0	11.84	11.76	0-1	0.0
	108	55	11.77	11.66	0	0.0
	108	109	11.77	11.74	0-1	0.0
	216	0	11.83	11.78		0.0
DFT-s-OFDM 16QAM	1	1	11.98	11.99	0-1	0.0
CP-OFDM QPSK	1	1	11.94	11.82	0-1.5	0.0

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Table H-106
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.93	11.77	0	0.0
	1	95	11.94	11.74		0.0
	1	187	11.77	11.87		0.0
	90	0	11.85	11.77	0-1	0.0
	90	50	11.81	11.66	0	0.0
	90	99	11.71	11.66	0-1	0.0
	180	0	11.78	11.73		0.0
DFT-s-OFDM 16QAM	1	1	11.98	11.96	0-1	0.0
CP-OFDM QPSK	1	1	11.91	11.74	0-1.5	0.0

Table H-107
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.74	11.66	11.68	0	0.0
	1	81	11.65	11.86	11.60		0.0
	1	160	11.74	11.82	11.70		0.0
	81	0	11.83	11.72	11.61	0-1	0.0
	81	41	11.74	11.78	11.53	0	0.0
	81	81	11.68	11.79	11.64	0-1	0.0
	162	0	11.73	11.75	11.67		0.0
DFT-s-OFDM 16QAM	1	1	11.74	11.70	11.85	0-1	0.0
CP-OFDM QPSK	1	1	11.78	11.63	11.75	0-1.5	0.0

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Table H-108
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.82	11.56	11.67	0	0.0
	1	67	11.87	11.64	11.72		0.0
	1	131	11.73	11.83	11.75		0.0
	64	0	11.92	11.76	11.71	0-1	0.0
	64	35	11.87	11.87	11.64	0	0.0
	64	69	11.76	11.86	11.76	0-1	0.0
	128	0	11.84	11.77	11.71		0.0
DFT-s-OFDM 16QAM	1	1	11.69	11.56	11.71	0-1	0.0
CP-OFDM QPSK	1	1	11.85	11.65	11.68	0-1.5	0.0

Table H-109
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.99	11.74	11.97	11.60	0	0.0
	1	53	11.91	11.81	11.92	11.70		0.0
	1	104	11.81	11.89	11.71	11.78		0.0
	50	0	11.90	11.73	11.80	11.60	0-1	0.0
	50	28	11.89	11.78	11.78	11.71	0	0.0
	50	56	11.81	11.85	11.69	11.72	0-1	0.0
	100	0	11.85	11.75	11.78	11.64		0.0
DFT-s-OFDM 16QAM	1	1	11.96	11.95	11.97	11.92	0-1	0.0
CP-OFDM QPSK	1	1	11.90	11.68	11.86	11.65	0-1.5	0.0

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Table H-110
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.96	11.93	11.64	11.79	11.96	0	0.0
	1	39	11.95	11.71	11.78	11.79	11.78		0.0
	1	76	11.90	11.80	11.83	11.72	11.90		0.0
	36	0	11.87	11.73	11.81	11.78	11.61	0-1	0.0
	36	21	11.89	11.71	11.80	11.72	11.68	0	0.0
	36	42	11.87	11.78	11.87	11.69	11.73	0-1	0.0
	75	0	11.86	11.76	11.81	11.78	11.71		0.0
DFT-s-OFDM 16QAM	1	1	11.92	11.98	11.70	11.94	11.66	0-1	0.0
CP-OFDM QPSK	1	1	11.97	11.79	11.67	11.63	11.72	0-1.5	0.0

Table H-111
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.93	11.86	11.70	11.72	11.63	0	0.0
	1	26	11.98	11.71	11.73	11.73	11.88		0.0
	1	49	11.99	11.81	11.76	11.70	11.77		0.0
	25	0	11.90	11.76	11.82	11.76	11.64	0-1	0.0
	25	13	11.96	11.71	11.81	11.68	11.70	0	0.0
	25	26	11.97	11.77	11.83	11.74	11.75	0-1	0.0
	50	0	11.93	11.80	11.84	11.75	11.68		0.0
DFT-s-OFDM 16QAM	1	1	11.71	11.79	11.70	11.71	11.82	0-1	0.0
CP-OFDM QPSK	1	1	11.78	11.71	11.67	11.80	11.56	0-1.5	0.0

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Table H-112
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.99	11.75	11.64	11.73	11.84	0	0.0
	1	19	11.93	11.80	11.74	11.94	11.85		0.0
	1	36	11.82	11.96	11.79	11.65	11.92		0.0
	18	0	11.88	11.80	11.76	11.75	11.72	0-1	0.0
	18	10	11.90	11.78	11.81	11.73	11.78	0	0.0
	18	20	11.97	11.81	11.86	11.70	11.85	0-1	0.0
	36	0	11.98	11.83	11.85	11.71	11.79		0.0
DFT-s-OFDM 16QAM	1	1	11.84	11.82	11.65	11.68	11.63	0-1	0.0
CP-OFDM QPSK	1	1	11.72	11.79	11.60	11.64	11.60	0-1.5	0.0

Table H-113
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2 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	11.84	11.87	11.70	11.84	11.83	0	0.0
	1	12	11.83	11.84	11.74	11.82	11.83		0.0
	1	22	11.90	11.86	11.65	11.86	11.88		0.0
	12	0	11.98	11.85	11.69	11.84	11.81	0-1	0.0
	12	6	11.97	11.84	11.67	11.88	11.82	0	0.0
	12	12	11.86	11.85	11.72	11.87	11.78	0-1	0.0
	24	0	11.89	11.76	11.70	11.82	11.79		0.0
DFT-s-OFDM 16QAM	1	1	11.95	11.89	11.61	11.93	11.89	0-1	0.0
CP-OFDM QPSK	1	1	11.98	11.87	11.67	11.87	11.70	0-1.5	0.0

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Table H-114
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.89	15.85	0	0.0
	1	123	15.78	15.79		0.0
	1	243	15.81	15.81		0.0
	120	0	15.88	15.88	0-1	0.0
	120	63	15.85	15.76	0	0.0
	120	125	15.84	15.80	0-1	0.0
	243	0	15.86	15.87		0.0
DFT-s-OFDM 16QAM	1	1	15.92	15.94	0-1	0.0
CP-OFDM QPSK	1	1	15.89	15.86	0-1.5	0.0

Table H-115
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.90	15.91	0	0.0
	1	109	15.79	15.77		0.0
	1	215	15.78	15.87		0.0
	108	0	15.90	15.83	0-1	0.0
	108	55	15.83	15.75	0	0.0
	108	109	15.77	15.82	0-1	0.0
	216	0	15.80	15.81		0.0
DFT-s-OFDM 16QAM	1	1	15.99	15.98	0-1	0.0
CP-OFDM QPSK	1	1	15.80	15.79	0-1.5	0.0

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Table H-116
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.93	15.83	0	0.0
	1	95	15.87	15.73		0.0
	1	187	15.74	15.82		0.0
	90	0	15.89	15.83	0-1	0.0
	90	50	15.88	15.76	0	0.0
	90	99	15.82	15.75	0-1	0.0
	180	0	15.86	15.74		0.0
DFT-s-OFDM 16QAM	1	1	15.96	15.98	0-1	0.0
CP-OFDM QPSK	1	1	15.97	15.82	0-1.5	0.0

Table H-117
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.92	15.68	15.70	0	0.0
	1	81	15.81	15.96	15.60		0.0
	1	160	15.75	15.89	15.80		0.0
	81	0	15.89	15.70	15.70	0-1	0.0
	81	41	15.82	15.83	15.65	0	0.0
	81	81	15.80	15.81	15.71	0-1	0.0
	162	0	15.82	15.82	15.72		0.0
DFT-s-OFDM 16QAM	1	1	15.63	15.64	15.84	0-1	0.0
CP-OFDM QPSK	1	1	15.52	15.77	15.67	0-1.5	0.0

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Table H-118
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.83	15.70	15.68	0	0.0
	1	67	15.96	15.92	15.75		0.0
	1	131	15.73	15.75	15.71		0.0
	64	0	15.92	15.89	15.76	0-1	0.0
	64	35	15.89	15.91	15.74	0	0.0
	64	69	15.81	15.92	15.81	0-1	0.0
	128	0	15.85	15.79	15.70		0.0
DFT-s-OFDM 16QAM	1	1	15.84	15.66	15.87	0-1	0.0
CP-OFDM QPSK	1	1	15.76	15.65	15.82	0-1.5	0.0

Table H-119
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.87	15.83	15.86	15.65	0	0.0
	1	53	15.93	15.84	15.90	15.73		0.0
	1	104	15.93	15.85	15.81	15.79		0.0
	50	0	15.95	15.81	15.84	15.70	0-1	0.0
	50	28	15.94	15.84	15.86	15.74	0	0.0
	50	56	15.87	15.89	15.79	15.77	0-1	0.0
	100	0	15.89	15.82	15.82	15.72		0.0
DFT-s-OFDM 16QAM	1	1	15.88	15.77	15.83	15.79	0-1	0.0
CP-OFDM QPSK	1	1	15.77	15.69	15.79	15.85	0-1.5	0.0

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Table H-120
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.92	15.86	15.63	15.80	15.60	0	0.0
	1	39	15.87	15.87	15.68	15.81	15.65		0.0
	1	76	15.86	15.96	15.79	15.83	15.85		0.0
	36	0	15.89	15.76	15.82	15.78	15.66	0-1	0.0
	36	21	15.95	15.79	15.84	15.74	15.74	0	0.0
	36	42	15.84	15.85	15.87	15.71	15.78	0-1	0.0
	75	0	15.89	15.80	15.79	15.77	15.72		0.0
DFT-s-OFDM 16QAM	1	1	15.79	15.76	15.70	15.74	15.76	0-1	0.0
CP-OFDM QPSK	1	1	15.66	15.67	15.87	15.66	15.78	0-1.5	0.0

Table H-121
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.84	15.85	15.80	15.82	15.92	0	0.0
	1	26	15.94	15.79	15.82	15.63	15.87		0.0
	1	49	15.96	15.78	15.81	15.81	15.75		0.0
	25	0	15.92	15.86	15.92	15.82	15.76	0-1	0.0
	25	13	15.96	15.83	15.91	15.80	15.80	0	0.0
	25	26	15.99	15.86	15.98	15.75	15.85	0-1	0.0
	50	0	15.92	15.81	15.92	15.83	15.81		0.0
DFT-s-OFDM 16QAM	1	1	15.81	15.75	15.72	15.72	15.83	0-1	0.0
CP-OFDM QPSK	1	1	15.72	15.81	15.78	15.67	15.74	0-1.5	0.0

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Table H-122
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.84	15.80	15.74	15.82	15.74	0	0.0
	1	19	15.83	15.68	15.80	15.63	15.84		0.0
	1	36	15.81	15.74	15.81	15.74	15.89		0.0
	18	0	15.78	15.62	15.62	15.70	15.66	0-1	0.0
	18	10	15.79	15.63	15.70	15.71	15.68	0	0.0
	18	20	15.88	15.65	15.80	15.72	15.78	0-1	0.0
	36	0	15.89	15.73	15.79	15.74	15.82		0.0
DFT-s-OFDM 16QAM	1	1	15.74	15.82	15.70	15.85	15.81	0-1	0.0
CP-OFDM QPSK	1	1	15.80	15.77	15.62	15.89	15.87	0-1.5	0.0

Table H-123
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3 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	15.83	15.92	15.77	15.65	15.83	0	0.0
	1	12	15.74	15.85	15.82	15.71	15.81		0.0
	1	22	15.75	15.90	15.72	15.73	15.86		0.0
	12	0	15.83	15.81	15.85	15.66	15.87	0-1	0.0
	12	6	15.87	15.84	15.92	15.67	15.85	0	0.0
	12	12	15.92	15.86	15.95	15.70	15.87	0-1	0.0
	24	0	15.94	15.75	15.89	15.66	15.81		0.0
DFT-s-OFDM 16QAM	1	1	15.82	15.89	15.64	15.87	15.86	0-1	0.0
CP-OFDM QPSK	1	1	15.88	15.86	15.69	15.66	15.64	0-1.5	0.0

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H.2.5 NR Band 41 SRS

Table H-124

NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S3	6.39	6.84
SRS #3 Ant S2	10.86	10.94

Table H-125

NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 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 S3	6.68	6.59
SRS #3 Ant S2	10.54	10.62

Table H-126

NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S3	6.82	6.57
SRS #3 Ant S2	10.56	10.74

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Table H-127
NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 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 S3	6.41	6.52	6.77
SRS #3 Ant S2	10.58	10.51	10.69

Table H-128
NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 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 S3	6.58	6.48	6.65
SRS #3 Ant S2	10.60	10.24	10.48

Table H-129
NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 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 S3	6.37	6.39	6.39	6.38
SRS #3 Ant S2	10.42	10.38	10.45	10.47

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Table H-130
NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 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 S3	6.56	6.70	6.46	6.69	6.54
SRS #3 Ant S2	10.54	10.59	10.82	10.79	10.67

Table H-131
NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 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 S3	6.13	6.43	6.40	6.34	6.58
SRS #3 Ant S2	10.69	10.54	10.79	10.23	10.48

Table H-132
NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 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 S3	6.75	6.29	6.39	6.05	6.56
SRS #3 Ant S2	10.53	10.58	10.55	10.05	10.62

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Table H-133
NR Band n41 Antenna S3, S2 Measured P_{limit} for All ECI - 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 S3	6.65	6.44	6.14	6.13	6.45
SRS #3 Ant S2	10.59	10.28	10.21	10.52	10.56

Table H-134
NR Band n41 Antenna 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 #4 Ant S1	16.36	16.82

Table H-135
NR Band n41 Antenna 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 #4 Ant S1	16.48	16.33

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Table H-136
NR Band n41 Antenna 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 #4 Ant S1	16.84	16.68

Table H-137
NR Band n41 Antenna 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 #4 Ant S1	16.23	16.65	16.48

Table H-138
NR Band n41 Antenna 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 #4 Ant S1	16.36	16.57	16.68

Table H-139
NR Band n41 Antenna 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 #4 Ant S1	16.23	16.52	16.33	16.47

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Table H-140
NR Band n41 Antenna 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 #4 Ant S1	16.30	16.42	16.71	16.56	16.67

Table H-141
NR Band n41 Antenna 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 #4 Ant S1	16.69	16.84	16.52	16.48	16.32

Table H-142
NR Band n41 Antenna 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 #4 Ant S1	16.72	16.45	16.29	16.54	16.71

Table H-143
NR Band n41 Antenna 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 #4 Ant S1	16.20	16.59	16.45	16.27	16.79

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Table H-144
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #4 Ant S1	11.65	11.52

Table H-145
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Antenna	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #4 Ant S1	11.58	11.49

Table H-146
NR Band n41 Antenna M1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #4 Ant S1	11.62	11.86

Table H-147
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 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 #4 Ant S1	11.23	11.36	11.65

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Table H-148
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 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 #4 Ant S1	11.45	11.49	11.82

Table H-149
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 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 #4 Ant S1	11.52	11.57	11.65	11.62

Table H-150
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 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 #4 Ant S1	11.36	11.38	11.54	11.82	11.46

Table H-151
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 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 #4 Ant S1	11.26	11.54	11.33	11.49	11.57

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Table H-152
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 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 #4 Ant S1	11.65	11.58	11.51	11.57	11.45

Table H-153
NR Band n41 Antenna S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5) - 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 #4 Ant S1	11.56	11.78	11.65	11.89	11.23

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H.2.6 NR Band 77 Antenna S4

Table H-154

NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.91	0	0.0
	1	123	18.80		0.0
	1	243	18.00		0.0
	120	0	18.30	0-1	0.0
	120	63	18.65	0	0.0
	120	125	17.96	0-1	0.0
	243	0	18.21		0.0
DFT-s-OFDM 16QAM	1	1	18.56	0-1	0.0
CP-OFDM QPSK	1	1	18.38	0-1.5	0.0

Table H-155

NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.48	0	0.0
	1	109	18.80		0.0
	1	215	18.84		0.0
	108	0	18.64	0-1	0.0
	108	55	18.79	0	0.0
	108	109	18.88	0-1	0.0
	216	0	18.74		0.0
DFT-s-OFDM 16QAM	1	1	18.64	0-1	0.0
CP-OFDM QPSK	1	1	18.23	0-1.5	0.0

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Table H-156
NR Band n77 DoD Antenna S4 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	18.47	0	0.0
	1	95	18.89		0.0
	1	187	18.79		0.0
	90	0	18.61	0-1	0.0
	90	50	18.81	0	0.0
	90	99	18.89	0-1	0.0
	180	0	18.73		0.0
DFT-s-OFDM 16QAM	1	1	18.70	0-1	0.0
CP-OFDM QPSK	1	1	18.39	0-1.5	0.0

Table H-157
NR Band n77 DoD Antenna S4 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	18.23	0	0.0
	1	81	18.57		0.0
	1	160	18.60		0.0
	81	0	18.39	0-1	0.0
	81	41	18.56	0	0.0
	81	81	18.55	0-1	0.0
	162	0	18.47		0.0
DFT-s-OFDM 16QAM	1	1	18.27	0-1	0.0
CP-OFDM QPSK	1	1	18.33	0-1.5	0.0

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Table H-158
NR Band n77 DoD Antenna S4 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	18.25	0	0.0
	1	67	18.63		0.0
	1	131	18.65		0.0
	64	0	18.46	0-1	0.0
	64	35	18.55	0	0.0
	64	69	18.62	0-1	0.0
	128	0	18.51		0.0
DFT-s-OFDM 16QAM	1	1	18.47	0-1	0.0
CP-OFDM QPSK	1	1	18.30	0-1.5	0.0

Table H-159
NR Band n77 DoD Antenna S4 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	18.27	0	0.0
	1	53	18.54		0.0
	1	104	18.59		0.0
	50	0	18.45	0-1	0.0
	50	28	18.52	0	0.0
	50	56	18.53	0-1	0.0
	100	0	18.50		0.0
DFT-s-OFDM 16QAM	1	1	18.56	0-1	0.0
CP-OFDM QPSK	1	1	18.34	0-1.5	0.0

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Table H-160
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.45	0	0.0
	1	39	18.52		0.0
	1	76	18.62		0.0
	36	0	18.43	0-1	0.0
	36	21	18.51	0	0.0
	36	42	18.51	0-1	0.0
	75	0	18.47		0.0
DFT-s-OFDM 16QAM	1	1	18.53	0-1	0.0
CP-OFDM QPSK	1	1	18.50	0-1.5	0.0

Table H-161
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.46	0	0.0
	1	33	18.63		0.0
	1	63	18.60		0.0
	32	0	18.49	0-1	0.0
	32	17	18.46	0	0.0
	32	33	18.53	0-1	0.0
	64	0	18.55		0.0
DFT-s-OFDM 16QAM	1	1	18.67	0-1	0.0
CP-OFDM QPSK	1	1	18.44	0-1.5	0.0

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Table H-162
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.61	0	0.0
	1	26	18.75		0.0
	1	49	18.69		0.0
	25	0	18.62	0-1	0.0
	25	13	18.68	0	0.0
	25	26	18.65	0-1	0.0
	50	0	18.67		0.0
DFT-s-OFDM 16QAM	1	1	18.75	0-1	0.0
CP-OFDM QPSK	1	1	18.59	0-1.5	0.0

Table H-163
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.67	0	0.0
	1	19	18.72		0.0
	1	36	18.70		0.0
	18	0	18.58	0-1	0.0
	18	10	18.59	0	0.0
	18	20	18.55	0-1	0.0
	36	0	18.64		0.0
DFT-s-OFDM 16QAM	1	1	18.60	0-1	0.0
CP-OFDM QPSK	1	1	18.58	0-1.5	0.0

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Table H-164
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.72	0	0.0
	1	12	18.78		0.0
	1	22	18.78		0.0
	12	0	18.71	0-1	0.0
	12	6	18.74	0	0.0
	12	12	18.79	0-1	0.0
	24	0	18.66		0.0
DFT-s-OFDM 16QAM	1	1	18.85	0-1	0.0
CP-OFDM QPSK	1	1	18.75	0-1.5	0.0

Table H-165
NR Band n77 Antenna S4 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	18.51	18.28	0	0.0	
	1	123	18.59	18.33		0.0	
	1	243	18.65	18.37		0.0	
	120	0	17.71	17.57	0-1	0.0	
	120	63	18.60	18.20	0	0.0	
	120	125	17.83	17.45	0-1	0.0	
	243	0	17.81	17.49		0.0	
DFT-s-OFDM 16QAM	1	1	17.66	17.62	0-1	0.0	
CP-OFDM QPSK	1	1	17.71	17.55	0-1.5	0.0	

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Table H-166
NR Band n77 Antenna S4 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	18.07	18.26	0	0.0
	1	109	18.05	18.43		0.0
	1	215	18.37	18.51		0.0
	108	0	18.20	18.23	0-1	0.0
	108	55	18.14	18.34	0	0.0
	108	109	18.15	18.43	0-1	0.0
	216	0	18.16	18.34		0.0
DFT-s-OFDM 16QAM	1	1	18.30	18.36	0-1	0.0
CP-OFDM QPSK	1	1	17.97	18.17	0-1.5	0.0

Table H-167
NR Band n77 Antenna S4 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	18.13	18.22	0	0.0
	1	95	18.16	18.45		0.0
	1	187	18.19	18.41		0.0
	90	0	18.09	18.28	0-1	0.0
	90	50	18.13	18.41	0	0.0
	90	99	18.22	18.46	0-1	0.0
	180	0	18.12	18.38		0.0
DFT-s-OFDM 16QAM	1	1	18.33	18.40	0-1	0.0
CP-OFDM QPSK	1	1	17.91	18.27	0-1.5	0.0

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Table H-168
NR Band n77 Antenna S4 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	17.89	17.88	0	0.0
	1	81	18.00	18.20		0.0
	1	160	18.10	18.22		0.0
	81	0	17.86	17.99	0-1	0.0
	81	41	17.91	18.17	0	0.0
	81	81	17.99	18.21	0-1	0.0
	162	0	17.83	18.07		0.0
DFT-s-OFDM 16QAM	1	1	18.10	18.07	0-1	0.0
CP-OFDM QPSK	1	1	17.95	17.92	0-1.5	0.0

Table H-169
NR Band n77 Antenna S4 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	17.83	17.84	0	0.0
	1	67	17.93	18.26		0.0
	1	131	18.02	18.21		0.0
	64	0	17.90	18.00	0-1	0.0
	64	35	17.90	18.16	0	0.0
	64	69	17.96	18.27	0-1	0.0
	128	0	17.94	18.14		0.0
DFT-s-OFDM 16QAM	1	1	17.86	17.98	0-1	0.0
CP-OFDM QPSK	1	1	17.94	17.93	0-1.5	0.0

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Table H-170
NR Band n77 Antenna S4 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	17.82	17.99	0	0.0
	1	53	17.93	18.17		0.0
	1	104	18.01	18.18		0.0
	50	0	17.84	18.05	0-1	0.0
	50	28	17.89	18.13	0	0.0
	50	56	17.91	18.16	0-1	0.0
	100	0	17.86	18.09		0.0
DFT-s-OFDM 16QAM	1	1	17.93	18.20	0-1	0.0
CP-OFDM QPSK	1	1	17.92	17.99	0-1.5	0.0

Table H-171
NR Band n77 Antenna S4 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	17.85	18.07	0	0.0
	1	39	17.86	18.31		0.0
	1	76	17.96	18.34		0.0
	36	0	17.80	18.08	0-1	0.0
	36	21	17.88	18.13	0	0.0
	36	42	17.94	18.11	0-1	0.0
	75	0	17.82	18.07		0.0
DFT-s-OFDM 16QAM	1	1	18.01	18.08	0-1	0.0
CP-OFDM QPSK	1	1	17.90	17.78	0-1.5	0.0

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Table H-172
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n77 25 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	17.80	17.96	0	0.0
	1	33	17.93	18.23		0.0
	1	63	17.96	18.31		0.0
	32	0	17.88	18.09	0-1	0.0
	32	17	17.87	18.11	0	0.0
	32	33	17.93	18.21	0-1	0.0
	64	0	17.86	18.16		0.0
DFT-s-OFDM 16QAM	1	1	18.07	18.41	0-1	0.0
CP-OFDM QPSK	1	1	17.76	17.91	0-1.5	0.0

Table H-173
NR Band n77 Antenna S4 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	18.00	18.08	0	0.0
	1	26	17.96	18.28		0.0
	1	49	18.10	18.35		0.0
	25	0	17.99	18.24	0-1	0.0
	25	13	17.98	18.24	0	0.0
	25	26	18.02	18.31	0-1	0.0
	50	0	17.98	18.29		0.0
DFT-s-OFDM 16QAM	1	1	18.10	18.31	0-1	0.0
CP-OFDM QPSK	1	1	17.95	18.19	0-1.5	0.0

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Table H-174
NR Band n77 Antenna S4 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	17.83	18.21	0	0.0
	1	19	18.02	18.41		0.0
	1	36	18.04	18.43		0.0
	18	0	17.98	18.26	0-1	0.0
	18	10	17.87	18.28	0	0.0
	18	20	18.01	18.35	0-1	0.0
	36	0	17.97	18.33		0.0
DFT-s-OFDM 16QAM	1	1	18.07	18.09	0-1	0.0
CP-OFDM QPSK	1	1	17.92	18.17	0-1.5	0.0

Table H-175
NR Band n77 Antenna S4 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	18.07	18.16	0	0.0
	1	12	18.10	18.38		0.0
	1	22	18.20	18.43		0.0
	12	0	18.04	18.38	0-1	0.0
	12	6	18.14	18.34	0	0.0
	12	12	18.08	18.41	0-1	0.0
	24	0	17.98	18.27		0.0
DFT-s-OFDM 16QAM	1	1	18.26	18.23	0-1	0.0
CP-OFDM QPSK	1	1	18.13	18.21	0-1.5	0.0

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Table H-176
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	8.16	0	0.0
	1	123	8.74		0.0
	1	243	8.63		0.0
	120	0	8.43	0-1	0.0
	120	63	8.67	0	0.0
	120	125	8.78	0-1	0.0
	243	0	8.63		0.0
DFT-s-OFDM 16QAM	1	1	8.02	0-1	0.0
CP-OFDM QPSK	1	1	8.03	0-1.5	0.0

Table H-177
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	8.39	0	0.0
	1	109	8.72		0.0
	1	215	8.81		0.0
	108	0	8.55	0-1	0.0
	108	55	8.69	0	0.0
	108	109	8.77	0-1	0.0
	216	0	8.69		0.0
DFT-s-OFDM 16QAM	1	1	8.46	0-1	0.0
CP-OFDM QPSK	1	1	8.42	0-1.5	0.0

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Table H-178
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	8.32	0	0.0
	1	95	8.69		0.0
	1	187	8.84		0.0
	90	0	8.50	0-1	0.0
	90	50	8.67	0	0.0
	90	99	8.78	0-1	0.0
	180	0	8.62		0.0
DFT-s-OFDM 16QAM	1	1	8.52	0-1	0.0
CP-OFDM QPSK	1	1	8.27	0-1.5	0.0

Table H-179
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	8.09	0	0.0
	1	81	8.51		0.0
	1	160	8.64		0.0
	81	0	8.26	0-1	0.0
	81	41	8.38	0	0.0
	81	81	8.47	0-1	0.0
	162	0	8.35		0.0
DFT-s-OFDM 16QAM	1	1	8.02	0-1	0.0
CP-OFDM QPSK	1	1	7.97	0-1.5	0.0

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Table H-180
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	8.13	0	0.0
	1	67	8.44		0.0
	1	131	8.53		0.0
	64	0	8.36	0-1	0.0
	64	35	8.46	0	0.0
	64	69	8.52	0-1	0.0
	128	0	8.44		0.0
DFT-s-OFDM 16QAM	1	1	8.02	0-1	0.0
CP-OFDM QPSK	1	1	8.12	0-1.5	0.0

Table H-181
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	8.28	0	0.0
	1	53	8.46		0.0
	1	104	8.46		0.0
	50	0	8.35	0-1	0.0
	50	28	8.46	0	0.0
	50	56	8.46	0-1	0.0
	100	0	8.42		0.0
DFT-s-OFDM 16QAM	1	1	8.41	0-1	0.0
CP-OFDM QPSK	1	1	8.43	0-1.5	0.0

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Table H-182
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.26	0	0.0
	1	39	8.49		0.0
	1	76	8.51		0.0
	36	0	8.40	0-1	0.0
	36	21	8.43	0	0.0
	36	42	8.50	0-1	0.0
	75	0	8.42		0.0
DFT-s-OFDM 16QAM	1	1	8.45	0-1	0.0
CP-OFDM QPSK	1	1	8.30	0-1.5	0.0

Table H-183
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.35	0	0.0
	1	33	8.43		0.0
	1	63	8.49		0.0
	32	0	8.47	0-1	0.0
	32	17	8.38	0	0.0
	32	33	8.55	0-1	0.0
	64	0	8.47		0.0
DFT-s-OFDM 16QAM	1	1	8.64	0-1	0.0
CP-OFDM QPSK	1	1	8.29	0-1.5	0.0

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Table H-184
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.51	0	0.0
	1	26	8.69		0.0
	1	49	8.67		0.0
	25	0	8.43	0-1	0.0
	25	13	8.63	0	0.0
	25	26	8.59	0-1	0.0
	50	0	8.59		0.0
DFT-s-OFDM 16QAM	1	1	8.43	0-1	0.0
CP-OFDM QPSK	1	1	8.26	0-1.5	0.0

Table H-185
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.52	0	0.0
	1	19	8.73		0.0
	1	36	8.66		0.0
	18	0	8.49	0-1	0.0
	18	10	8.53	0	0.0
	18	20	8.51	0-1	0.0
	36	0	8.56		0.0
DFT-s-OFDM 16QAM	1	1	8.66	0-1	0.0
CP-OFDM QPSK	1	1	8.68	0-1.5	0.0

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Table H-186
NR Band n77 DoD Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.50	0	0.0
	1	12	8.55		0.0
	1	22	8.61		0.0
	12	0	8.45	0-1	0.0
	12	6	8.64	0	0.0
	12	12	8.65	0-1	0.0
	24	0	8.53		0.0
DFT-s-OFDM 16QAM	1	1	8.47	0-1	0.0
CP-OFDM QPSK	1	1	8.48	0-1.5	0.0

Table H-187
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	7.95	8.17	0	0.0
	1	123	8.06	8.40		0.0
	1	243	8.29	8.42		0.0
	120	0	8.05	8.16	0-1	0.0
	120	63	7.97	8.28	0	0.0
	120	125	8.12	8.35	0-1	0.0
	243	0	8.02	8.23		0.0
DFT-s-OFDM 16QAM	1	1	8.14	8.45	0-1	0.0
CP-OFDM QPSK	1	1	7.96	8.27	0-1.5	0.0

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Table H-188
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	7.99	8.21	0	0.0
	1	109	8.04	8.30		0.0
	1	215	8.29	8.46		0.0
	108	0	8.00	8.17	0-1	0.0
	108	55	8.00	8.32	0	0.0
	108	109	8.11	8.32	0-1	0.0
	216	0	8.10	8.24		0.0
DFT-s-OFDM 16QAM	1	1	8.29	8.55	0-1	0.0
CP-OFDM QPSK	1	1	7.99	8.30	0-1.5	0.0

Table H-189
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	8.08	8.16	0	0.0
	1	95	7.97	8.22		0.0
	1	187	8.21	8.35		0.0
	90	0	8.00	8.15	0-1	0.0
	90	50	7.99	8.29	0	0.0
	90	99	8.08	8.33	0-1	0.0
	180	0	8.05	8.23		0.0
DFT-s-OFDM 16QAM	1	1	8.12	8.21	0-1	0.0
CP-OFDM QPSK	1	1	8.20	8.09	0-1.5	0.0

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Table H-190
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	7.77	7.85	0	0.0
	1	81	7.82	8.10		0.0
	1	160	8.03	8.10		0.0
	81	0	7.70	7.89	0-1	0.0
	81	41	7.81	8.02	0	0.0
	81	81	7.84	8.09	0-1	0.0
	162	0	7.76	7.98		0.0
DFT-s-OFDM 16QAM	1	1	7.84	7.96	0-1	0.0
CP-OFDM QPSK	1	1	7.80	8.03	0-1.5	0.0

Table H-191
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	7.74	7.82	0	0.0
	1	67	7.82	8.07		0.0
	1	131	7.97	8.14		0.0
	64	0	7.77	7.96	0-1	0.0
	64	35	7.85	8.10	0	0.0
	64	69	7.88	8.13	0-1	0.0
	128	0	7.88	8.10		0.0
DFT-s-OFDM 16QAM	1	1	7.81	8.03	0-1	0.0
CP-OFDM QPSK	1	1	7.61	7.89	0-1.5	0.0

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Table H-192
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	7.68	7.93	0	0.0
	1	53	7.91	8.13		0.0
	1	104	8.08	8.15		0.0
	50	0	7.75	8.01	0-1	0.0
	50	28	7.83	7.99	0	0.0
	50	56	7.85	8.10	0-1	0.0
	100	0	7.80	8.03		0.0
DFT-s-OFDM 16QAM	1	1	7.89	8.21	0-1	0.0
CP-OFDM QPSK	1	1	7.73	7.99	0-1.5	0.0

Table H-193
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	7.70	7.99	0	0.0
	1	39	7.71	8.40		0.0
	1	76	7.91	8.20		0.0
	36	0	7.70	8.02	0-1	0.0
	36	21	7.72	8.06	0	0.0
	36	42	7.87	8.09	0-1	0.0
	75	0	7.76	8.02		0.0
DFT-s-OFDM 16QAM	1	1	7.97	8.25	0-1	0.0
CP-OFDM QPSK	1	1	7.82	7.97	0-1.5	0.0

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Table H-194
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 25 MHz Bandwidth

NR Band n77 25 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	7.81	8.10	0	0.0
	1	33	7.83	8.12		0.0
	1	63	7.96	8.21		0.0
	32	0	7.81	8.10	0-1	0.0
	32	17	7.81	7.98	0	0.0
	32	33	7.88	8.11	0-1	0.0
	64	0	7.82	8.10		0.0
DFT-s-OFDM 16QAM	1	1	8.02	8.30	0-1	0.0
CP-OFDM QPSK	1	1	7.86	7.99	0-1.5	0.0

Table H-195
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	8.15	8.32	0	0.0
	1	26	7.96	8.18		0.0
	1	49	8.01	8.35		0.0
	25	0	7.87	8.20	0-1	0.0
	25	13	7.92	8.24	0	0.0
	25	26	7.98	8.28	0-1	0.0
	50	0	7.95	8.24		0.0
DFT-s-OFDM 16QAM	1	1	8.15	8.43	0-1	0.0
CP-OFDM QPSK	1	1	7.94	8.02	0-1.5	0.0

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Table H-196
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	7.93	8.31	0	0.0
	1	19	8.03	8.37		0.0
	1	36	7.95	8.40		0.0
	18	0	7.83	8.14	0-1	0.0
	18	10	7.86	8.22	0	0.0
	18	20	7.98	8.23	0-1	0.0
	36	0	7.95	8.22		0.0
DFT-s-OFDM 16QAM	1	1	8.00	8.42	0-1	0.0
CP-OFDM QPSK	1	1	7.80	8.25	0-1.5	0.0

Table H-197
NR Band n77 Antenna S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4) - 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	7.96	8.14	0	0.0
	1	12	8.04	8.23		0.0
	1	22	7.93	8.25		0.0
	12	0	7.94	8.26	0-1	0.0
	12	6	7.95	8.32	0	0.0
	12	12	8.04	8.29	0-1	0.0
	24	0	7.90	8.19		0.0
DFT-s-OFDM 16QAM	1	1	8.04	8.42	0-1	0.0
CP-OFDM QPSK	1	1	7.81	8.14	0-1.5	0.0

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Table H-198

NR Band n77 DoD Ant M4 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 M4	12.13

Table H-199

NR Band n77 DoD Ant M4 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 M4	12.18

Table H-200

NR Band n77 DoD Ant M4 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 M4	12.11

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Table H-201

NR Band n77 DoD Ant M4 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 M4	12.09

Table H-202

NR Band n77 DoD Ant M4 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 M4	12.11

Table H-203

NR Band n77 DoD Ant M4 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 M4	12.12

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Table H-204
NR Band n77 DoD Ant M4 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 M4	12.05

Table H-205
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	12.16

Table H-206
NR Band n77 DoD Ant M4 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 M4	12.07

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Table H-207
NR Band n77 DoD Ant M4 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 M4	11.92

Table H-208
NR Band n77 DoD Ant M4 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 M4	11.98

Table H-209
NR Band n77 Ant M4 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 M4	12.88	13.62

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Table H-210
NR Band n77 Ant M4 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 M4	12.92	13.75

Table H-211
NR Band n77 Ant M4 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 M4	12.86	13.63

Table H-212
NR Band n77 Ant M4 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 M4	12.94	13.56

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Table H-213
NR Band n77 Ant M4 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 M4	12.76	13.64

Table H-214
NR Band n77 Ant M4 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 M4	12.73	13.56

Table H-215
NR Band n77 Ant M4 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 M4	12.69	13.52

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Table H-216
NR Band n77 Ant M4 Measured P_{limit} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	12.68	13.64

Table H-217
NR Band n77 Ant M4 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 M4	12.86	13.71

Table H-218
NR Band n77 Ant M4 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 M4	12.53	13.59

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Table H-219
NR Band n77 Ant M4 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 M4	12.67	13.58

Table H-220
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.22

Table H-221
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.19

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Table H-222
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.31

Table H-223
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.28

Table H-224
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.27

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Table H-225

NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.29

Table H-226

NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.06

Table H-227

NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.13

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Table H-228
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.11

Table H-229
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	5.89

Table H-230
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	5.82

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Table H-231
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.19	7.89

Table H-232
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.21	7.84

Table H-233
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.16	7.79

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Table H-234
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.22	7.88

Table H-235
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.24	7.92

Table H-236
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.14	7.87

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Table H-237
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.10	7.74

Table H-238
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	5.94	7.52

Table H-239
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	5.96	7.45

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Table H-240
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	5.98	7.56

Table H-241
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.02	7.63

Table H-242
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	7.13
SRS #4 Ant S3	7.93

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Table H-243
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	7.09
SRS #4 Ant S3	8.03

Table H-244
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	7.05
SRS #4 Ant S3	8.06

Table H-245
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	6.98
SRS #4 Ant S3	7.98

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Table H-246
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	6.93
SRS #4 Ant S3	7.95

Table H-247
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	7.02
SRS #4 Ant S3	7.94

Table H-248
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	7.04
SRS #4 Ant S3	8.02

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Table H-249
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	6.96
SRS #4 Ant S3	8.04

Table H-250
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	6.92
SRS #4 Ant S3	8.11

Table H-251
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	6.84
SRS #4 Ant S3	8.04

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Table H-252
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	6.75
SRS #4 Ant S3	8.01

Table H-253
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.68	8.21
SRS #4 Ant S3	8.42	8.68

Table H-254
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.62	8.16
SRS #4 Ant S3	8.37	8.62

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Table H-255
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.56	8.17
SRS #4 Ant S3	8.42	8.78

Table H-256
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.58	8.23
SRS #4 Ant S3	8.36	8.71

Table H-257
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.55	8.26
SRS #4 Ant S3	8.42	8.64

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Table H-258
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.57	8.15
SRS #4 Ant S3	8.29	8.52

Table H-259
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.54	8.03
SRS #4 Ant S3	8.21	8.47

Table H-260
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.58	8.11
SRS #4 Ant S3	8.32	8.59

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Table H-261
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.48	8.08
SRS #4 Ant S3	8.48	8.61

Table H-262
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.38	8.02
SRS #4 Ant S3	8.29	8.75

Table H-263
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.48	8.13
SRS #4 Ant S3	8.31	8.46

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APPENDIX I: RU SAR EXCLUSION

I.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. Please refer 1M2505130050-10, for IEEE 802.11ax RU powers.

I.2 IEEE 802.11ax RU Target Powers

I.2.1 2.4 GHz WLAN 802.11ax RU WLAN Output Power

The table below is applicable in the following conditions:

- Maximum Power

Mode		IEEE 802.11ax RU (in dBm)											
		Antenna WiFi 0 (in dBm)				Antenna WiFi 1 (in dBm)				Antenna WiFi 0 & Antenna WiFi 1 in MIMO (in dBm)			
		26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WiFi	Maximum	12	14	15	15	12	14	15	15	12	14	15	15
		ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0
	Nominal	11	13	14	14	11	13	14	14	11	13	14	14
		ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0

The table below is applicable in the following conditions:

- Grip Sensor Active

Mode		IEEE 802.11ax RU (in dBm)											
		Antenna WiFi 0 (in dBm)				Antenna WiFi 1 (in dBm)				Antenna WiFi 0 & Antenna WiFi 1 in MIMO (in dBm)			
		26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WiFi	Maximum	12	12	12	12	12	12	12	12	12	12	12	12
		ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0
	Nominal	11	11	11	11	11	11	11	11	11	11	11	11
		ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0

The table below is applicable in the following conditions:

- Simultaneous conditions with 5/6 GHz WLAN and/or 5G FR1

Mode		IEEE 802.11ax RU (in dBm)											
		Antenna WiFi 0 (in dBm)				Antenna WiFi 1 (in dBm)				Antenna WiFi 0 & Antenna WiFi 1 in MIMO (in dBm)			
		26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WiFi	Maximum	9	9	9	9	9	9	9	9	9	9	9	9
		ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0
	Nominal	8	8	8	8	8	8	8	8	8	8	8	8
		ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0

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I.2.2 5 GHz WLAN 802.11ax RU WLAN Output Power

The table below is applicable in the following conditions:

- Maximum Power

Mode		IEEE 802.11ax RU (in dBm)														Antenna WFI 0 & Antenna WFI 1 in MIMO (in dBm)							
		SISO							SISO							Antenna WFI 0 & Antenna WFI 1 in MIMO (in dBm)							
		Antenna WFI 0 (in dBm)							Antenna WFI 1 (in dBm)							Antenna WFI 0 & Antenna WFI 1 in MIMO (in dBm)							
		2ET	52T	10ET	242T	484T	996T	996T*2	2ET	52T	10ET	242T	484T	996T	996T*2	2ET	52T	10ET	242T	484T	996T	996T*2	
5 GHz WFI (20MHz BW)	Maximum	6.0	6.0	6.0	11.0			6.0	6.0	6.0	11.0				6.0	6.0	6.0	11.0					
	Nominal	5.0	5.0	5.0	10.0			5.0	5.0	5.0	10.0				5.0	5.0	5.0	10.0					
5 GHz WFI (40MHz BW)	Maximum	6.0	6.0	6.0	11.0	11.0		6.0	6.0	6.0	11.0	11.0			6.0	6.0	6.0	11.0	11.0				
	Nominal	5.0	5.0	5.0	10.0	10.0		5.0	5.0	5.0	10.0	10.0			5.0	5.0	5.0	10.0	10.0				
5 GHz WFI (80MHz BW)	Maximum	6.0	6.0	6.0	11.0	11.0	11.0	6.0	6.0	6.0	11.0	11.0	11.0		6.0	6.0	6.0	11.0	11.0	11.0			
	Nominal	5.0	5.0	5.0	10.0	10.0	10.0	5.0	5.0	5.0	10.0	10.0	10.0		5.0	5.0	5.0	10.0	10.0	10.0			
5 GHz WFI (160MHz BW)	Maximum	6.0	6.0	6.0	11.0	11.0	11.0	11.0	6.0	6.0	6.0	11.0	11.0	11.0	6.0	6.0	6.0	11.0	11.0	11.0	11.0		
	Nominal	5.0	5.0	5.0	10.0	10.0	10.0	10.0	5.0	5.0	5.0	10.0	10.0	10.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0		

The table below is applicable in the following conditions:

- Grip Sensor Active

Mode		IEEE 802.11ax RU (in dBm)														Antenna WFI 0 & Antenna WFI 1 (in dBm)							
		SISO							SISO							Antenna WFI 0 & Antenna WFI 1 (in dBm)							
		Antenna WFI 0 (in dBm)							Antenna WFI 1 (in dBm)							Antenna WFI 0 & Antenna WFI 1 (in dBm)							
		2ET	52T	10ET	242T	484T	996T	996T*2	2ET	52T	10ET	242T	484T	996T	996T*2	2ET	52T	10ET	242T	484T	996T	996T*2	
5 GHz WFI (20MHz BW)	Maximum	6.0	6.0	6.0	6.0			6.0	6.0	6.0	6.0				6.0	6.0	6.0	6.0					
	Nominal	5.0	5.0	5.0	7.0			5.0	5.0	5.0	7.0				5.0	5.0	5.0	7.0					
5 GHz WFI (40MHz BW)	Maximum	6.0	6.0	6.0	6.0	6.0		6.0	6.0	6.0	6.0	6.0			6.0	6.0	6.0	6.0	6.0				
	Nominal	5.0	5.0	5.0	7.0	7.0		5.0	5.0	5.0	7.0	7.0			5.0	5.0	5.0	7.0	7.0				
5 GHz WFI (80MHz BW)	Maximum	6.0	6.0	6.0	6.0	6.0	6.0		6.0	6.0	6.0	6.0	6.0		6.0	6.0	6.0	6.0	6.0	6.0			
	Nominal	5.0	5.0	5.0	7.0	7.0	7.0		5.0	5.0	5.0	7.0	7.0	7.0		5.0	5.0	5.0	7.0	7.0	7.0		
5 GHz WFI (160MHz BW)	Maximum	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		
	Nominal	5.0	5.0	5.0	7.0	7.0	7.0	7.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0	5.0	5.0	5.0	7.0	7.0	7.0		

The table below is applicable in the following conditions:

- Simultaneous conditions with 2.4 GHz WLAN and/or 5G FR1
- Simultaneous conditions with 2.4 GHz Bluetooth

Mode		IEEE 802.11ax RU (in dBm)														Antenna WFI 0 & Antenna WFI 1 in MIMO (in dBm)							
		SISO							SISO							SISO							
		Antenna WFI 0 (in dBm)							Antenna WFI 1 (in dBm)							Antenna WFI 0 & Antenna WFI 1 in MIMO (in dBm)							
		2ET	52T	10ET	242T	484T	996T	996T*2	2ET	52T	10ET	242T	484T	996T	996T*2	2ET	52T	10ET	242T	484T	996T	996T*2	
5 GHz WFI (20MHz BW)	Maximum	5.0	5.0	5.0	5.0			5.0	5.0	5.0	5.0				5.0	5.0	5.0	5.0					
	Nominal	4.0	4.0	4.0	4.0			4.0	4.0	4.0	4.0				4.0	4.0	4.0	4.0					
5 GHz WFI (40MHz BW)	Maximum	5.0	5.0	5.0	5.0	5.0		5.0	5.0	5.0	5.0	5.0			5.0	5.0	5.0	5.0	5.0				
	Nominal	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0			4.0	4.0	4.0	4.0	4.0	4.0			
5 GHz WFI (80MHz BW)	Maximum	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0		
	Nominal	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0		
5 GHz WFI (160MHz BW)	Maximum	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0		
	Nominal	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		

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I.2.3 6 GHz WLAN Maximum 802.11ax RU WLAN Output Power

The table below is applicable in the following conditions:

- Maximum Power

Mode	Band	IEEE 802.11ax RU (in dBm)																		IEEE 802.11ax RU (in dBm)																	
		Antenna WPT 0 (in dBm)									Antenna WPT 1 (in dBm)									Antenna WPT 0 & Antenna WPT 1 in MIMO (in dBm)									Antenna WPT 0 & Antenna WPT 1 in MIMO (in dBm)								
		26T	52T	104T	242T	484T	968T	968T*2	26T	52T	104T	242T	484T	968T	968T*2	26T	52T	104T	242T	484T	968T	968T*2	26T	52T	104T	242T	484T	968T	968T*2								
6 GHz WPT (30MHz BW) - LP	UW0	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW1	2.5	5.0	8.0	11.0			2.5	5.0	8.0	11.0				2.5	5.0	8.0	11.0				2.5	5.0	8.0	11.0												
	UW2	2.5	5.0	8.0	11.0			2.5	5.0	8.0	11.0				2.5	5.0	8.0	11.0				2.5	5.0	8.0	11.0												
	UW3	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW4	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW5	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW6	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW7	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
6 GHz WPT (30MHz BW) - LP	UW0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW1	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0						
	UW2	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0						
	UW3	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW4	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW5	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW6	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW7	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
6 GHz WPT (30MHz BW) - LP	UW0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW1	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW2	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW3	1.5	4.0	7.0	10.0	12.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW4	1.5	4.0	7.0	10.0	12.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW5	1.5	4.0	7.0	10.0	12.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW6	1.5	4.0	7.0	10.0	12.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW7	1.5	4.0	7.0	10.0	12.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
Mode	Band	IEEE 802.11ax RU (in dBm)																		IEEE 802.11ax RU (in dBm)																	
		Antenna WPT 0 (in dBm)									Antenna WPT 1 (in dBm)									Antenna WPT 0 & Antenna WPT 1 in MIMO (in dBm)									Antenna WPT 0 & Antenna WPT 1 in MIMO (in dBm)								
		26T	52T	104T	242T	484T	968T	968T*2	26T	52T	104T	242T	484T	968T	968T*2	26T	52T	104T	242T	484T	968T	968T*2	26T	52T	104T	242T	484T	968T	968T*2								
6 GHz WPT (30MHz BW) - LP	UW0	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW1	2.5	5.0	8.0	11.0			2.5	5.0	8.0	11.0				2.5	5.0	8.0	11.0				2.5	5.0	8.0	11.0												
	UW2	2.5	5.0	8.0	11.0			2.5	5.0	8.0	11.0				2.5	5.0	8.0	11.0				2.5	5.0	8.0	11.0												
	UW3	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW4	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW5	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW6	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
	UW7	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0				1.5	4.0	7.0	10.0												
6 GHz WPT (30MHz BW) - LP	UW0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW1	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0						
	UW2	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0	2.5	5.0	8.0	11.0	13.5	14.0						
	UW3	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW4	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW5	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW6	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW7	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
6 GHz WPT (30MHz BW) - LP	UW0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0	1.5	4.0	7.0	10.0	12.5	14.0						
	UW1	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW2	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW3	1.5	4.0	7.0	10.0	12.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW4	1.5	4.0	7.0	10.0	12.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0		
	UW5	1.5	4.0	7.0	10.0	12.5	14.0	13.0	1.5	4.0	7.0	10.0	12.5	14.0	13.0	2.5	5.0	8.0	11.0	13.5	14.0	13.0															

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The table below is applicable in the following conditions:

- Grip Sensor Active
- Simultaneous conditions with 2.4 GHz WLAN and/or 5G FR1
- Simultaneous conditions with 2.4 GHz Bluetooth

[illegible]

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DUT Type: Portable Computing Device		APPENDIX I: Page 4 of 4