

Regulatory WWAN Antenna Information

(English Language Required for Intel Regulatory Review / Approval)

**(OEM/ODM or antenna vendor is required to complete this document with platform antenna information.
Remove Intel references and make this your own document)**

Platform	
Platform Owner	HP
Brand Name	HP
Model Name	G2022
ODM	Compal Corporation
Target Launch Date	
Antenna	
Manufacturer	Vendor 1
Part Number	TPx Antenna 330-24033 (3200604277B0)
	DRx Antenna 330-24032 (3200604278B0)
	DRx2 Antenna 330-24032 (3200604278B0)
	DRx1 Antenna 330-24033 (3200604277B0)
Module	
With WWAN Module	
(Check Box)	

Antenna Information

Section 1. Antenna Assembly Specifications

1A Antenna Part Number	1B Manufacture	1C Antenna Type	1D Cable Assembly Part Number and Information	1E *Peak Gain W/ Cable loss (dBi)	1F Peak Gain w/o Cable Loss (dBi)	1G VSWR	1H Cable Loss (dBi)
WWAN Main Antenna (TPx) 330-24033 (3200604277B0)	Vendor 1	PIFA	50 ohm Coaxial. length: 76mm diameter:1.13mm connector:Speedtec C87P115-00002-H	698-821MHz -0.54 dBi (peak)	698-821MHz -0.44 dBi (peak)	698-821MHz 4 max	698-821MHz 0.1 dBi (peak)
				824-960MHz -0.72 dBi (peak)	824-960MHz -0.61 dBi (peak)	824-960MHz 4 max	824-960MHz 0.11 dBi (peak)
				1425-1515MHz 2.41 dBi (peak)	1425-1515MHz 2.58 dBi (peak)	1425-1515MHz 4 max	1425-1515MHz 0.17 dBi (peak)
				1710-2200MHz 2.37 dBi (peak)	1710-2200MHz 2.57 dBi (peak)	1710-2200MHz 4 max	1710-2200MHz 0.2 dBi (peak)
				2300-2690MHz 2.73 dBi (peak)	2300-2690MHz 2.95 dBi (peak)	2300-2690MHz 4 max	2300-2690MHz 0.22 dBi (peak)
				3400-3800MHz 2.73 dBi (peak)	3400-3800MHz 2.99 dBi (peak)	3400-3800MHz 4 max	3400-3800MHz 0.26 dBi (peak)
				4200-4700MHz 2.97 dBi (peak)	4200-4700MHz 3.27 dBi (peak)	4200-4700MHz 4 max	4200-4700MHz 0.3 dBi (peak)
				5150-5925MHz 2.67 dBi (peak)	5150-5925MHz 3 dBi (peak)	5150-5925MHz 4 max	5150-5925MHz 0.33 dBi (peak)
WWAN AUX Antenna (DRx) 330-24032 (3200604278B0)	Vendor 1	PIFA	50 ohm Coaxial. length: 193mm diameter:1.13mm connector:Speedtec C87P115-00002-H	717-821MHz -0.03 dBi (peak)	717-821MHz 0.23 dBi (peak)	717-821MHz 4 max	717-821MHz 0.26 dBi (peak)
				824-960MHz -0.65 dBi (peak)	824-960MHz -0.37 dBi (peak)	824-960MHz 4 max	824-960MHz 0.28 dBi (peak)
				1425-1515MHz 2.92 dBi (peak)	1425-1515MHz 3.35 dBi (peak)	1425-1515MHz 4 max	1425-1515MHz 0.43 dBi (peak)
				1557-1610 MHz 2.33 dBi (peak)	1557-1610 MHz 2.77 dBi (peak)	1557-1610 MHz 4 max	1557-1610 MHz 0.44 dBi (peak)
				1805-2200MHz 2.97 dBi (peak)	1805-2200MHz 3.48 dBi (peak)	1805-2200MHz 4 max	1805-2200MHz 0.51 dBi (peak)
				2300-2690MHz 2.9 dBi (peak)	2300-2690MHz 3.46 dBi (peak)	2300-2690MHz 4 max	2300-2690MHz 0.56 dBi (peak)
				3400-3800MHz 2.65 dBi (peak)	3400-3800MHz 3.31 dBi (peak)	3400-3800MHz 4 max	3400-3800MHz 0.66 dBi (peak)
				4200-4700MHz 1.23 dBi (peak)	4200-4700MHz 1.98 dBi (peak)	4200-4700MHz 4 max	4200-4700MHz 0.75 dBi (peak)
5150-5925MHz 2.76 dBi (peak)	5150-5925MHz 3.6 dBi (peak)	5150-5925MHz 4 max	5150-5925MHz 0.84 dBi (peak)				

1A Antenna Part Number	1B Manufacture	1C Antenna Type	1D Cable Assembly Part Number and Information	1E *Peak Gain W/ Cable loss (dBi)	1F Peak Gain w/o Cable Loss (dBi)	1G VSWR	1H Cable Loss (dBi)
MIMO3 Antenna (DRx1) 330-24033 (3200604277B0)	Vendor 1	PIFA	50 ohm Coaxial. length: 83mm diameter:1.13mm connector:Speedtec C87P115-00002-H	1805-2200MHz 2.12 dBi(peak)	1805-2200MHz 2.32 dBi(peak)	1805-2200MHz 4 dBi (peak)	1805-2200MHz 0.2 dBi(peak)
				2300-2690MHz 1.44 dBi(peak)	2300-2690MHz 1.66 dBi(peak)	2300-2690MHz 4 dBi (peak)	2300-2690MHz 0.22 dBi(peak)
				3400-3800MHz 1.23 dBi(peak)	3400-3800MHz 1.51 dBi(peak)	3400-3800MHz 4 dBi (peak)	3400-3800MHz 0.28 dBi(peak)
				4200-5000MHz 2.76 dBi(peak)	4200-5000MHz 3.06 dBi(peak)	4200-5000MHz 4 dBi (peak)	4200-5000MHz 0.3 dBi(peak)
MIMO2 Antenna (DRx2) 330-24032 (3200604278B0)	Vendor 1	PIFA	50 ohm Coaxial. length: 204mm diameter:1.13mm connector:Speedtec C87P115-00002-H	1710-2200MHz 1.87 dBi (peak)	1710-2200MHz 2.37 dBi (peak)	1710-2200MHz 4 dBi (peak)	1710-2200MHz 0.5 dBi (peak)
				2300-2690MHz 1.08 dBi (peak)	2300-2690MHz 1.66 dBi (peak)	2300-2690MHz 4 dBi (peak)	2300-2690MHz 0.58 dBi (peak)
				3400-3800MHz 2.95 dBi (peak)	3400-3800MHz 3.63 dBi (peak)	3400-3800MHz 4 dBi (peak)	3400-3800MHz 0.68 dBi (peak)
				4200-5000MHz 2.27 dBi (peak)	4200-5000MHz 3.01 dBi (peak)	4200-5000MHz 4 dBi (peak)	4200-5000MHz 0.74 dBi (peak)

- Antenna Peak Gain required being test in system basis.
- 1E frame contend absolutely peak antenna gain include H/V