

Regulatory BT Antenna Information

Platform information									
Brand	ODM	RMN	Intel platform (ex: Yes, No or NA)	Platform type (ex: regular NB, convertible PC, AIO...etc)	*SAR minimum separation (mm)				
HP Inc.	Quanta Corporation	TPN-Q297	Yes	Notebook PC	13.54				
Antenna information									
Vendor		Type	Antenna Part number (ULL BT/Tx1)						
WNC		PIFA	DQ6915G0900 (81ELA915.G09)						
Peak gain w/ cable loss (dBi)*									
	2.4GHz 2400-2483.5 MHz								
TX1	-0.80								
Module Information									
Model		Form factor and suffixes							
TPN-M101D		Embedded HyperX Wireless Module Ralphie							

Antenna Manufacturer: Wistron Neweb Corporation

Manufacturer address: 20 Park Avenue II (or Yuanchiu 2nd Rd.), Hsinchu Science Park, Hsinchu 300, Taiwan

Antenna Information

Section 1. Antenna Assembly Specifications

1A	1B	1C	1D		1E	1F	1G	1H
Antenna Part Number	Manufacturer	Antenna Type	Cable Assembly Part Number and Information	Freq Range MHz	* Peak Gain W/ Cable loss (dBi)	Peak Gain w/o Cable Loss (dBi)	Max VSWR	Cable Loss (dB)
P/N: DQ6915G0900 (81ELA915.G09) ULL Antenna (TX1)	Wistron Neweb Corporation	PIFA	P/N: IPEX20565-001R-13 50 ohm Coaxial length: 160mm diameter: 1.13mm Connector Type: IPEX	2400-2495	-0.80	-0.36	3	0.44

Section 3. Radiation characteristics of antenna loaded in Host Platform
ULL Antenna

Max Antenna 2D Radiation Pattern 2400 – 2495 MHz

Frequency (MHz)	Horizontal+ Vertical (dBi) peak (dBi)
2400-2495	-0.80

