

# Regulatory WLAN 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.	Compal	TPN-C164		Yes		Notebook PC		5.32mm											
*****Please fill in exact product model name and make sure the model name is visible on product cover or any parts for end users recognize for authority inspection.																			
<b>Antenna information</b>																			
Vendor		Type			Antenna Part number (Main/Tx2)			Antenna Part number (Aux/Tx1)											
High-Tek Electronics Co., Ltd		PIFA			DC33002SH00 (0ACCN022003N)			DC33002SH10 (0ACCN022004N)											
<b>Peak gain w/ cable loss (dBi)*</b>																			
	<b>2.4GHz</b> 2400-2483.5 MHz	<b>5.2GHz</b> 5150-5250MHz	<b>5.3GHz</b> 5250-5350MHz	<b>5.6GHz</b> 5470-5725MHz	<b>5.8GHz</b> 5725-5850MHz	<b>5.9GHz</b> 5850-5895MHz	<b>6.2GHz</b> 5925-6425MHz	<b>6.5GHz</b> 6425-6525MHz	<b>6.7GHz</b> 6525-6875MHz	<b>7.0 GHz</b> 6875-7125MHz									
<b>Main</b>	-0.84	2.78	2.78	2.19	2.07	-1.50	2.76	-1.36	-0.40	-0.63									
<b>Aux</b>	-1.25	2.09	2.77	1.95	0.97	0.97	0.18	1.64	2.73	2.84									
<b>Module Information</b>																			
Model		<b>Form factor and suffixes</b>																	
AX211NGW		Intel Garfield Peak 2 AX211 Wi-Fi 6e +Bluetooth 5.2 M.2 2230 160MHz CNVi WW WLAN																	
BE200NGW		Intel Gale Peak 2 BE200 M.2 2230 Wi-Fi 7 +Bluetooth 5.4 non-vPro WW WLAN																	

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## 1. Setup photo

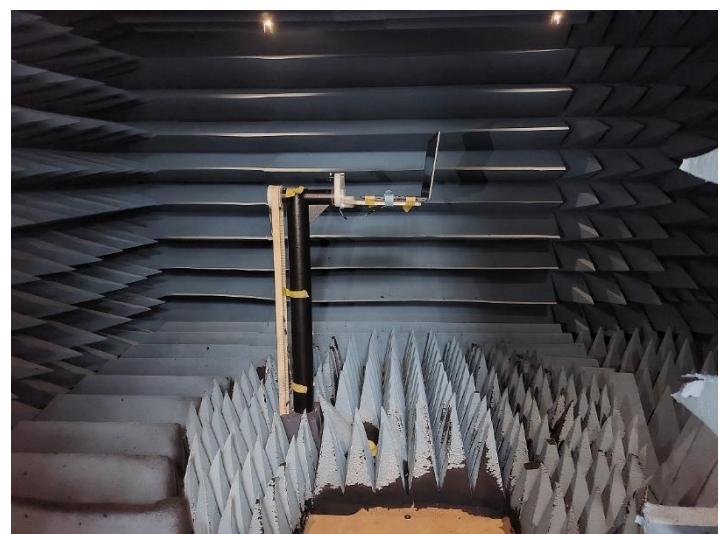
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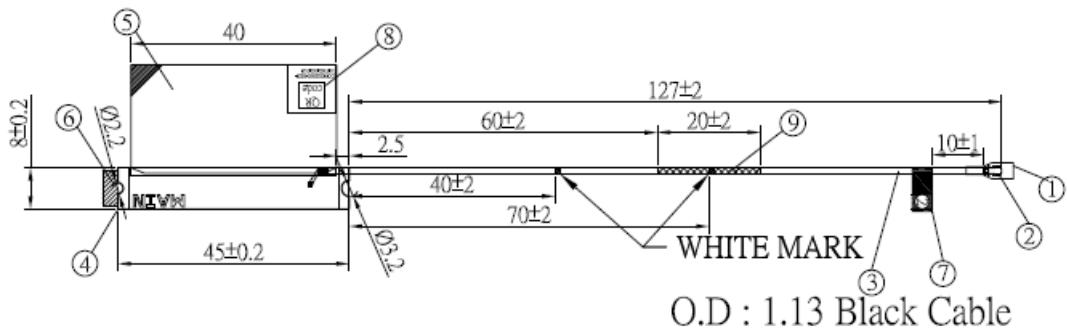
**1. Setup photo**



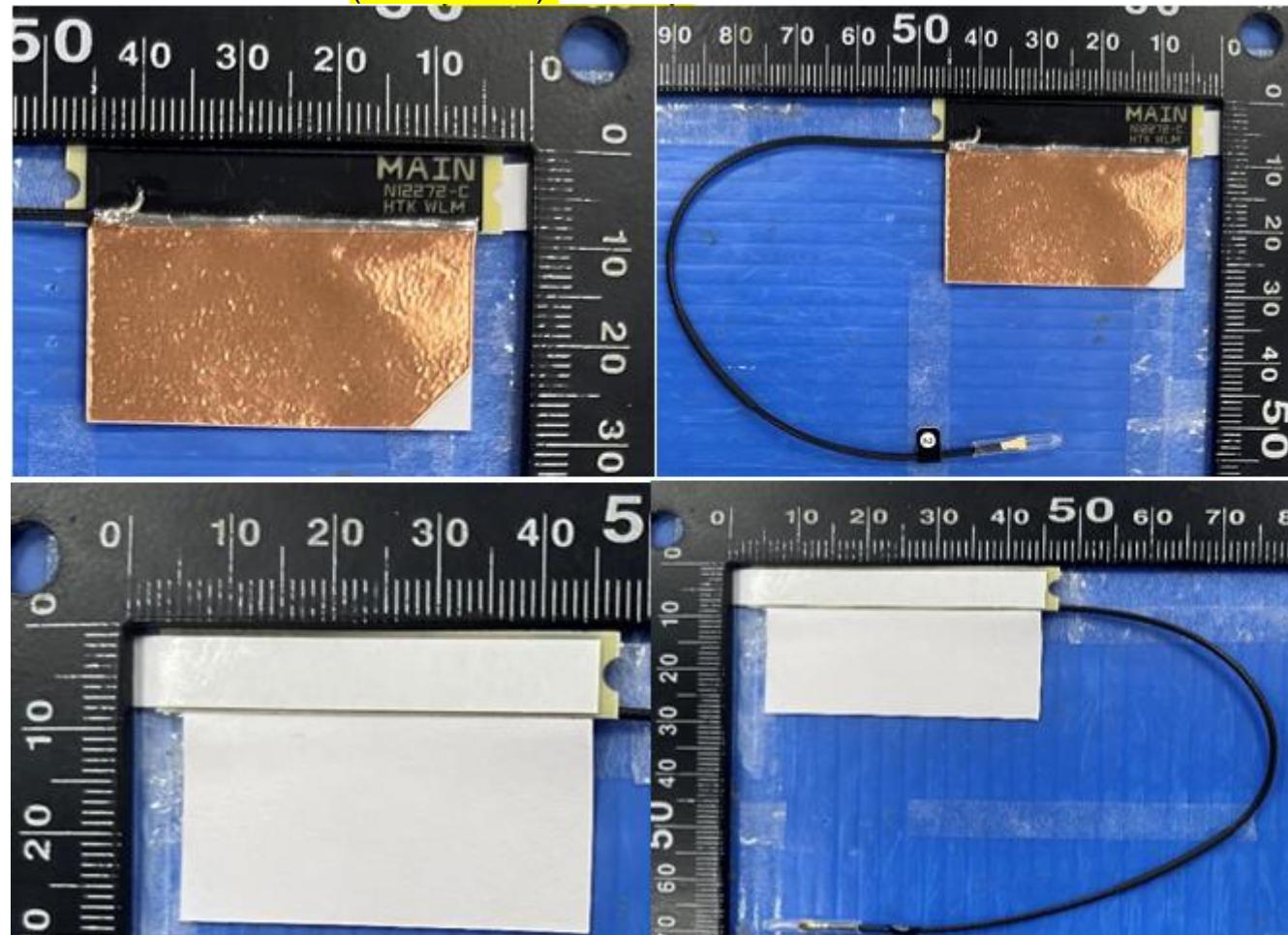
## Section 1. Dimensioned Photos and Drawings of Antennas

**Include the dimensioned photo and drawing of Main antenna here.**

## Main Antenna Drawing:



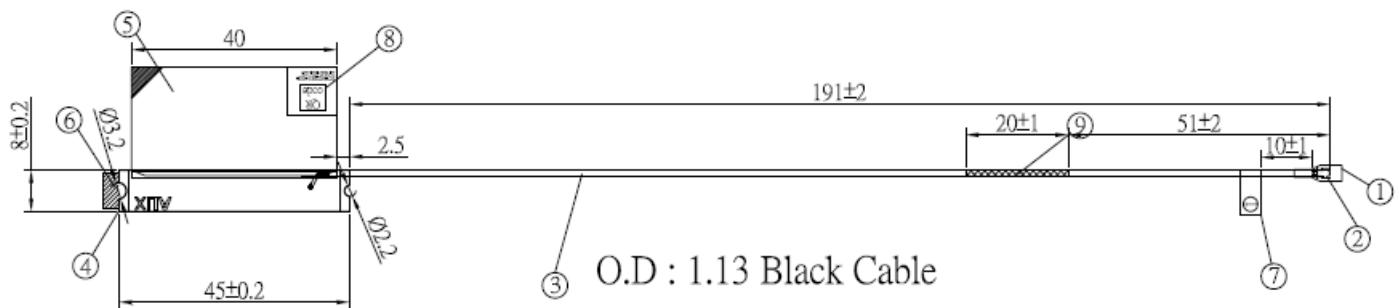
### Main Antenna Photo (Front/Back):



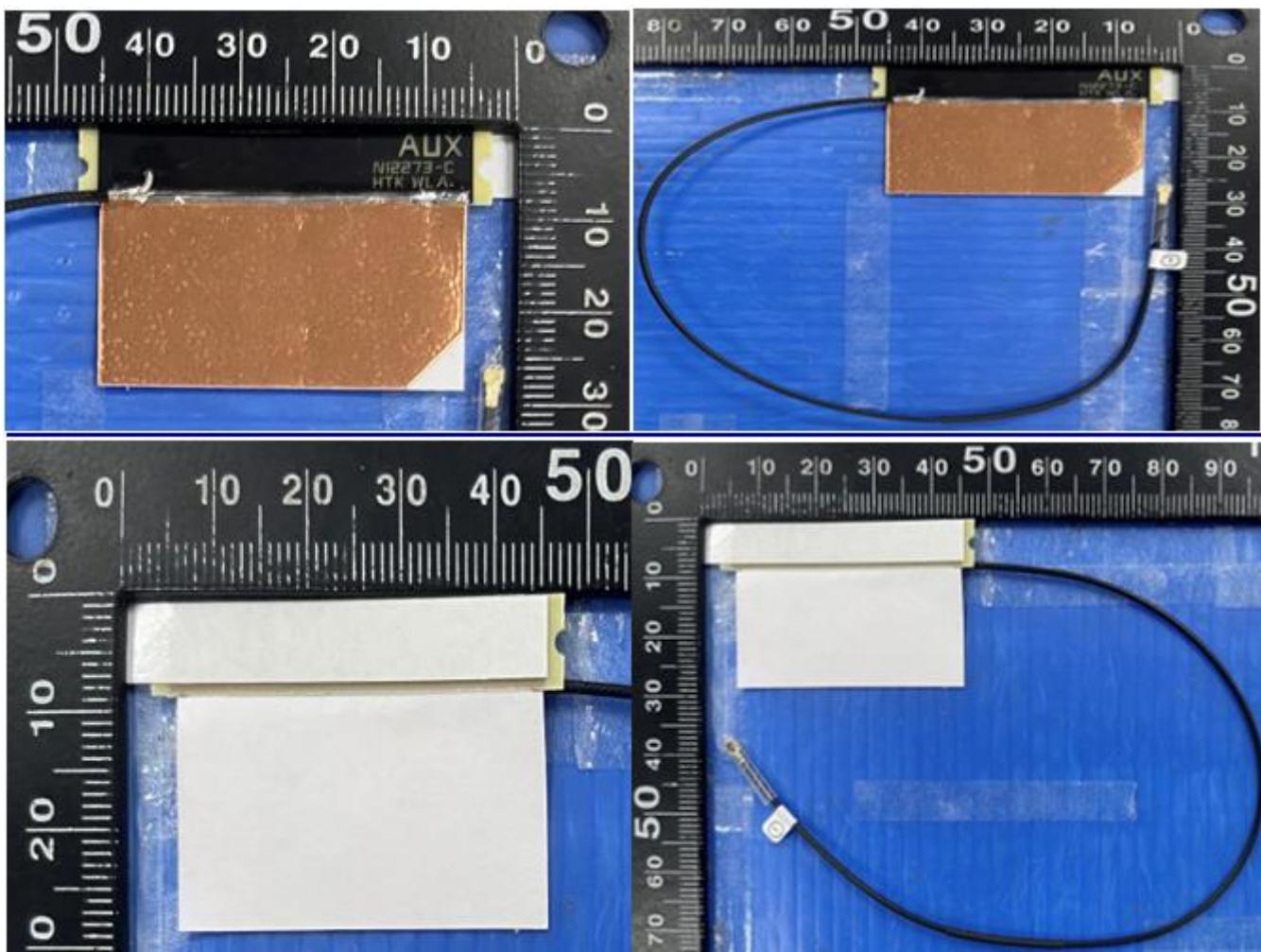
**Note: antenna photo should include L type ruler**

Include the dimensioned photo and drawing of Aux antenna here.

Aux Antenna Drawing:



Aux Antenna Photo (Front/Back):

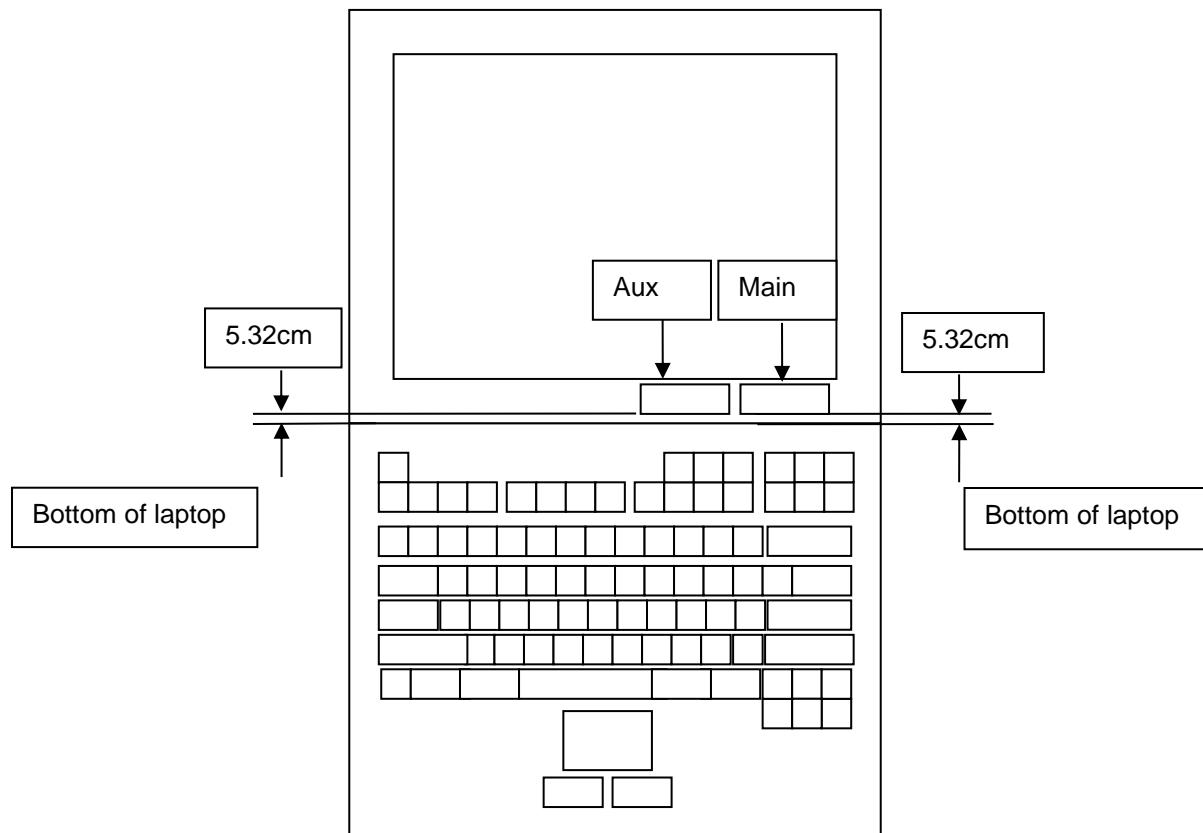


Note: antenna photo should include L type ruler

## Section 2. Antenna Host Platform Location Information

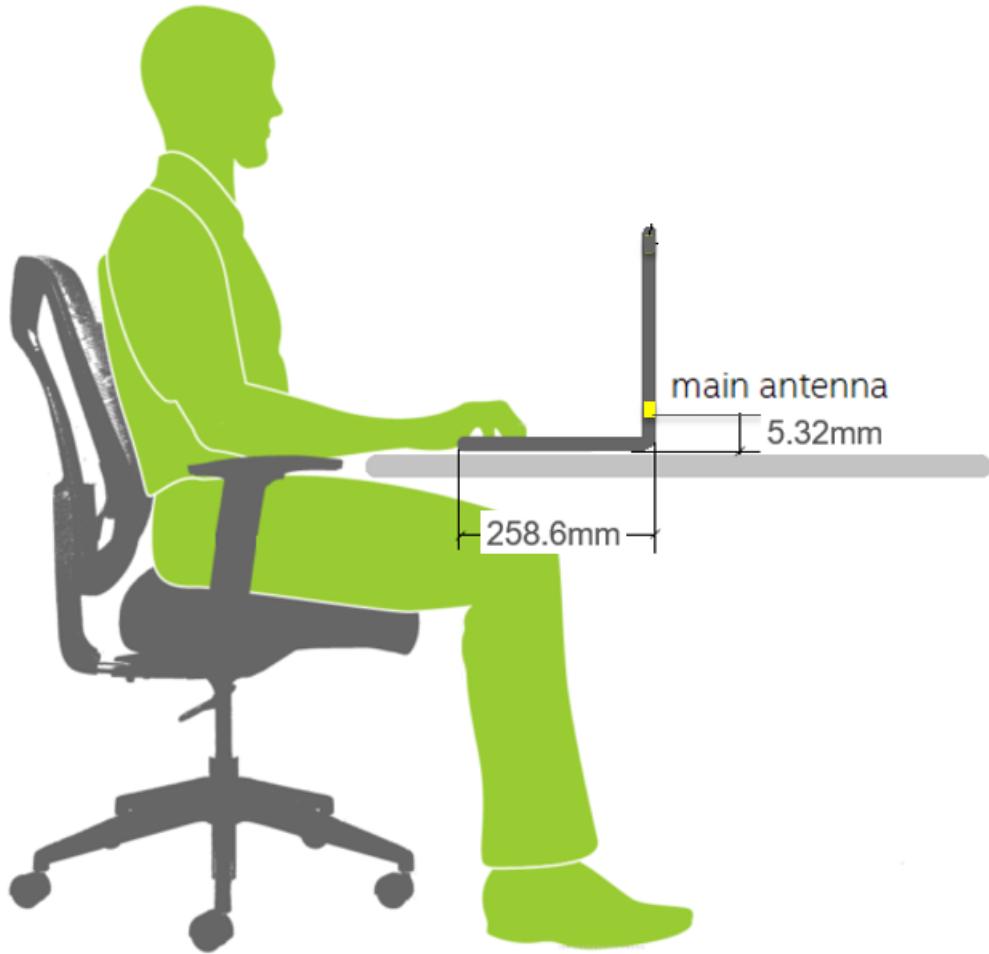
Include a **dimensioned photo(s) or dimensioned drawing(s)** of Main and Aux antenna placements (measurements are not required for receive-only antenna).

Any antenna that transmits must show dimensions to bottom of laptop. Provide a description of the materials that are used for supporting or surrounding transmit antennas; for example, non-conductive plastics vs. conductive coated plastic or metallic materials.



### Section 3. Antenna dimensional information for SAR evaluation

Include a **dimensioned photo(s) or dimensioned drawing(s)** showing the distance (mm) between the transmit antennas and the user. For notebook/laptop hosts show lapheld position (example below). For tablet hosts show all orientations including lapheld, primary & secondary portrait, primary & secondary landscape positions. Include a description of any proximity sensors or power throttling implementations that limit or exclude use of any host orientation.



## Section 4. Diagram Example of Co-Location Antenna Separation

Include a **dimensioned photo** or **dimensioned drawing** showing the distance (mm) between all WLAN transmit antennas and other co-located radiator transmit antenna such as Bluetooth, WWAN,..

(Note: Due to the evolving rules regarding co-location, each platform will need to be reviewed on a case by case basis)

