

Regulatory WLAN Antenna Information (Template)

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)

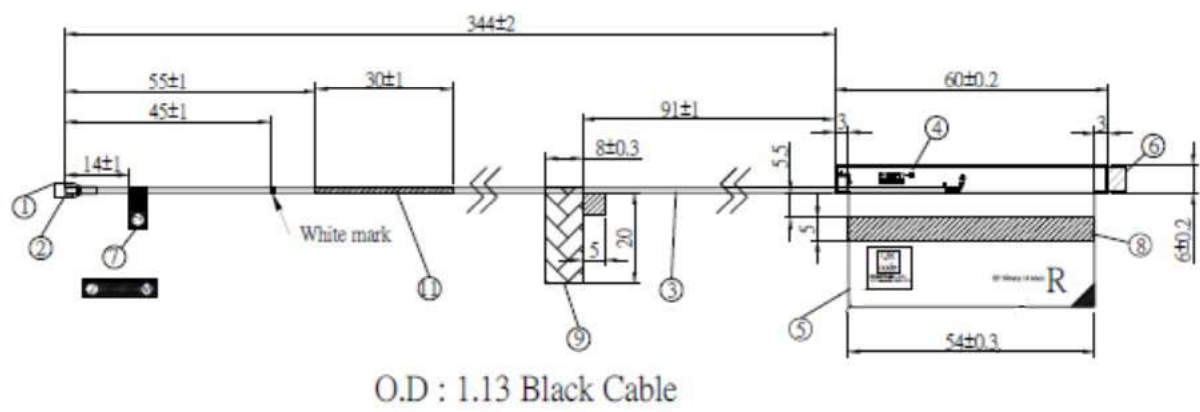
Platform information										
Brand	ODM		RMN		Intel platform (ex: Yes, No or NA)		Platform type (ex: regular NB, convertible PC, AIO...etc)		*SAR minimum separation (mm)	
HP Inc.	Wistron		TPN-W158		Yes		convertible PC		1.42	
*****Please fill in exact product model name and make sure the model name is visible on product cover or any parts for end users recognize for authority inspection.										
Antenna information										
Vendor		Type		Antenna Part number (Aux/Tx1)			Antenna Part number (Main/Tx2)			
High-Tek Electronics Co., Ltd		PIFA		025.9027L.0001 (0ACAR022026N)			025.9027H.0001 (0ACAR022025N)			
Peak gain w/ cable loss (dBi)*										
	2.4GHz 2400-2483.5 MHz	5.2GHz 5150-5250MHz	5.3GHz 5250-5350MHz	5.6GHz 5470-5725MHz	5.8GHz 5725-5850MHz	5.9GHz 5850-5895MHz	6.2GHz 5925-6425MHz	6.5GHz 6425-6525MHz	6.7GHz 6525-6875MHz	7.0 GHz 6875-7125MHz
Aux	-1.88	-0.31	0.95	2.88	-1.36	-1.82	2.48	1.78	2.91	1.60
Main	-1.82	-0.05	0.24	1.91	0.60	0.60	1.02	-1.87	1.08	1.08
Module Information										
Model		Form factor and suffixes								
BE200NGW (Gale Peak 2)		Intel Wi-Fi 7 BE200 + BT5.4 (802.11be 2x2, MU-MIMO, supporting gigabit data rate) M.2								



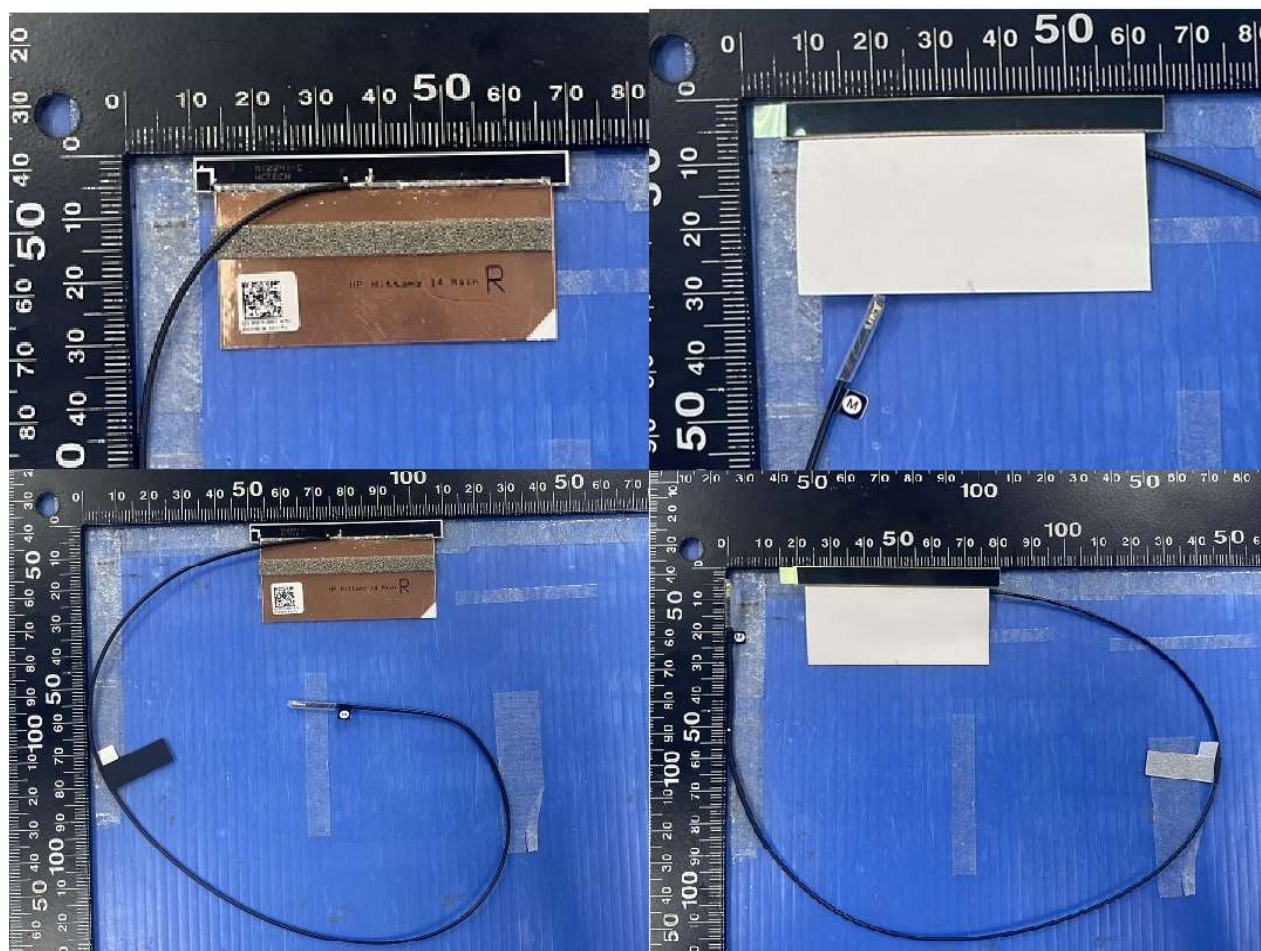
Section 2. Dimensioned Photos and Drawings of Antennas

Include the dimensioned photo and drawing of Main antenna here.

Main Antenna Drawing:

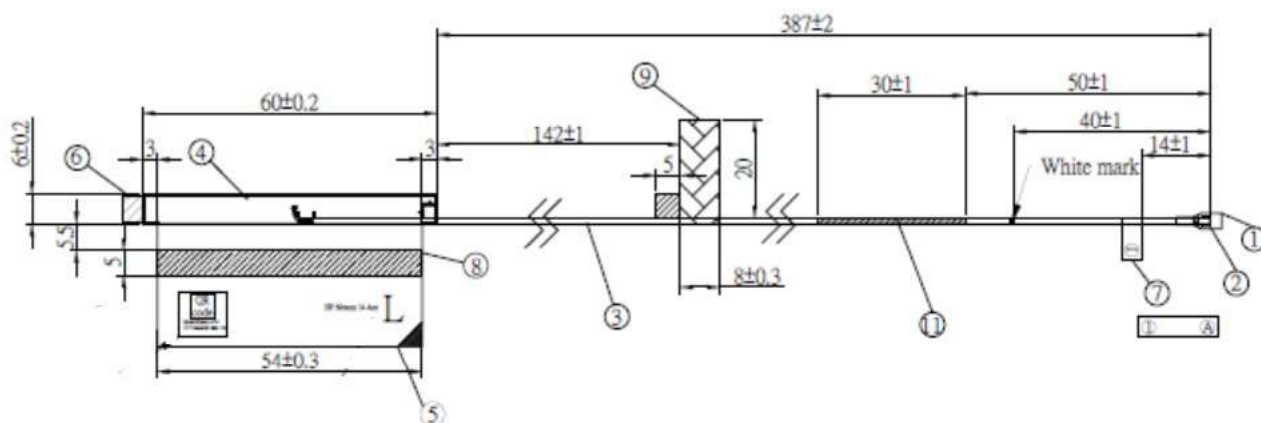


Main Antenna Photo (Front/Back):



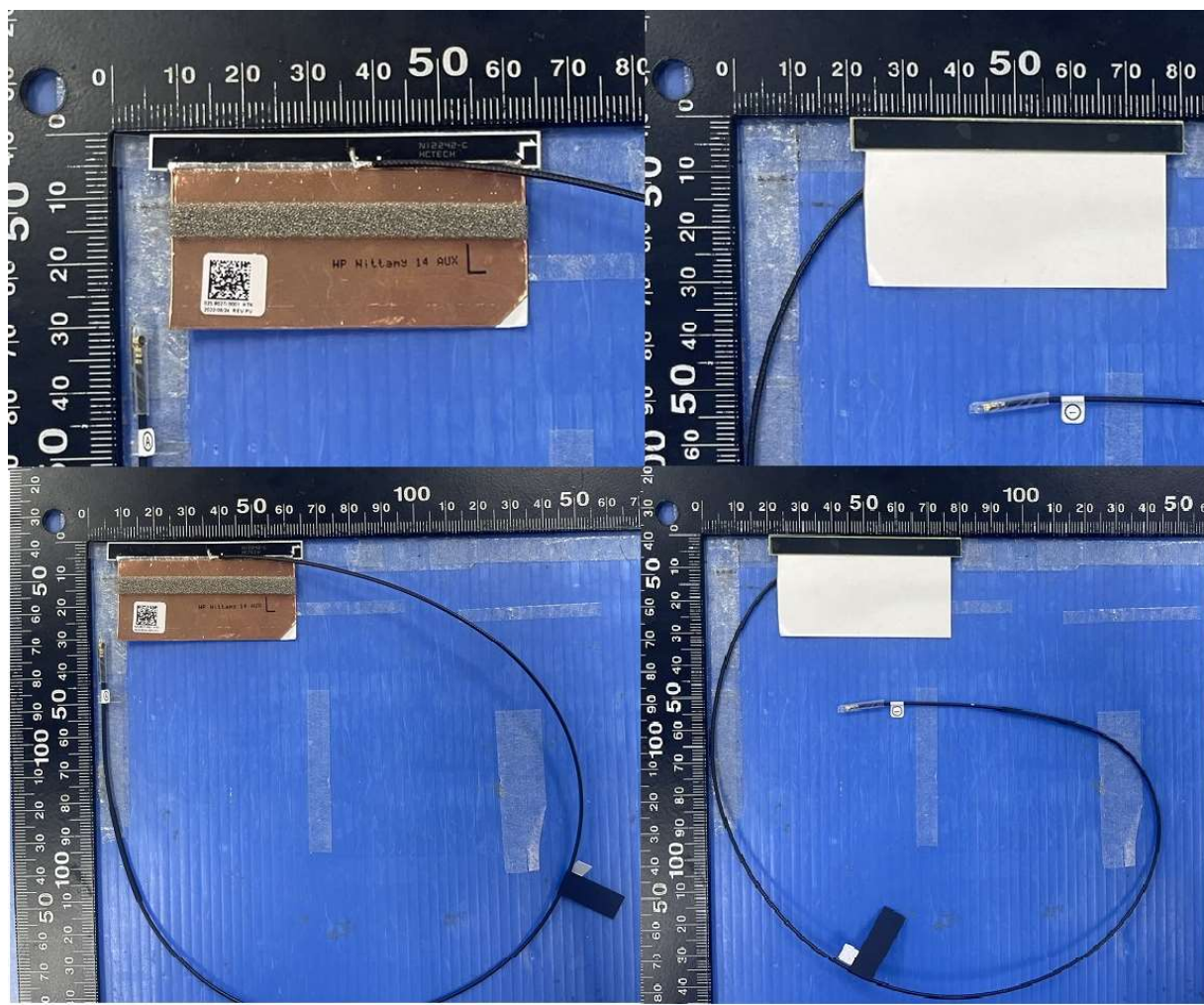
Note: antenna photo should include L type ruler

Aux Antenna Drawing:



O.D : 1.13 Black Cable

Aux Antenna Photo (Front/Back):

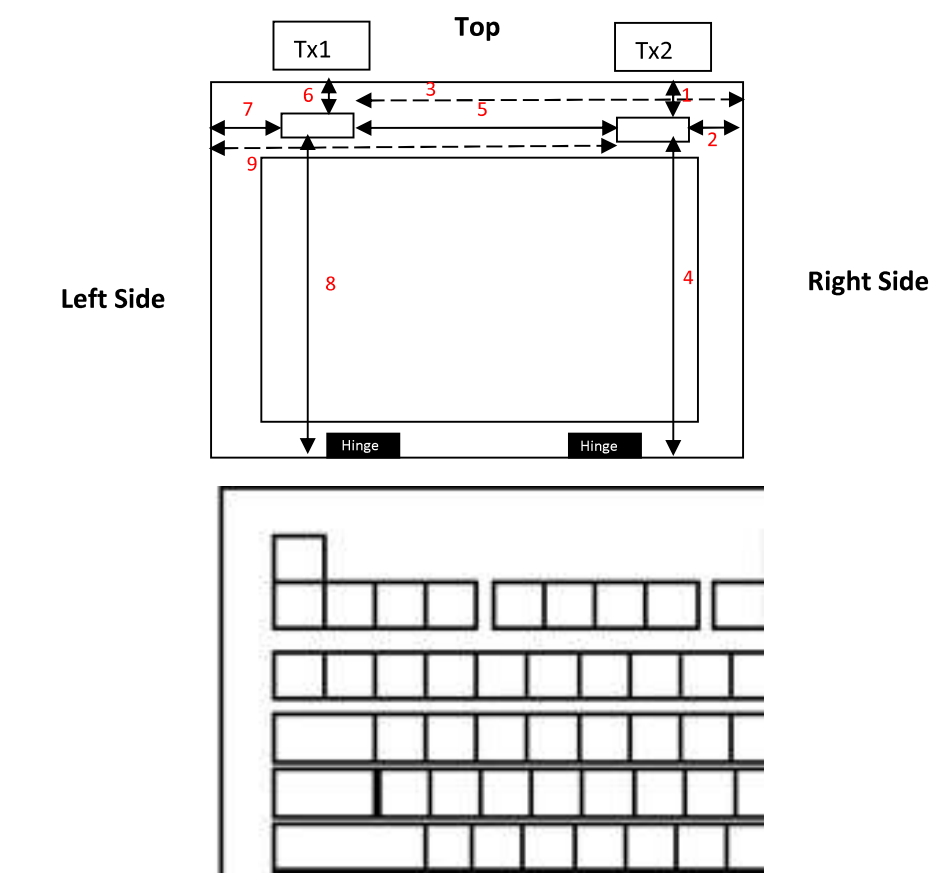


Note: antenna photo should include L type rule

Section 4. 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).

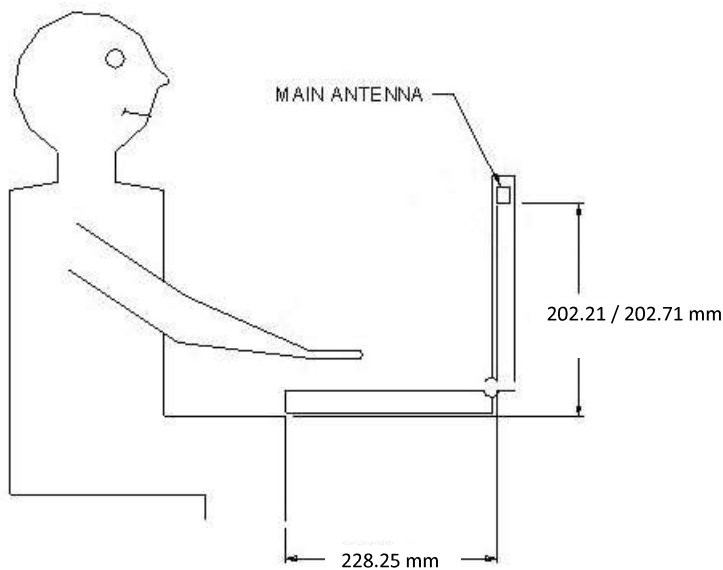
Any antenna that transmits must show dimensions to bottom of laptop. Provide a description of the materials that are used for supporting or surrounding transmit antennas; for example, non-conductive plastics vs. conductive coated plastic or metallic materials.



Dimension:	1	2	3	4	5	6	7	8	9
(mm)	1.42	36	212	203.39	116	1.42	50	203.39	226

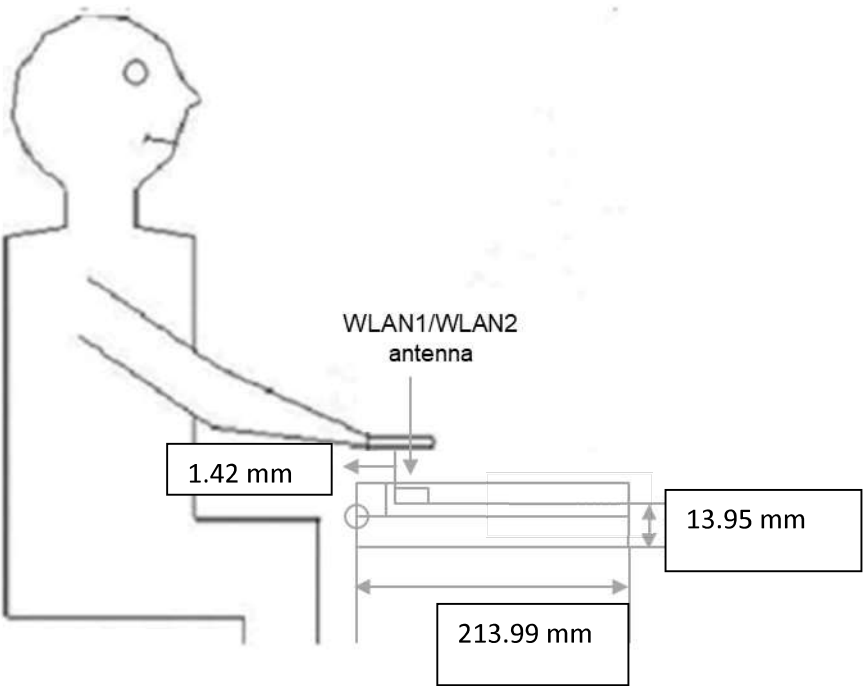
Section 5. Antenna dimensional information for SAR evaluation

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.



Without rubber foot: 202.21 mm

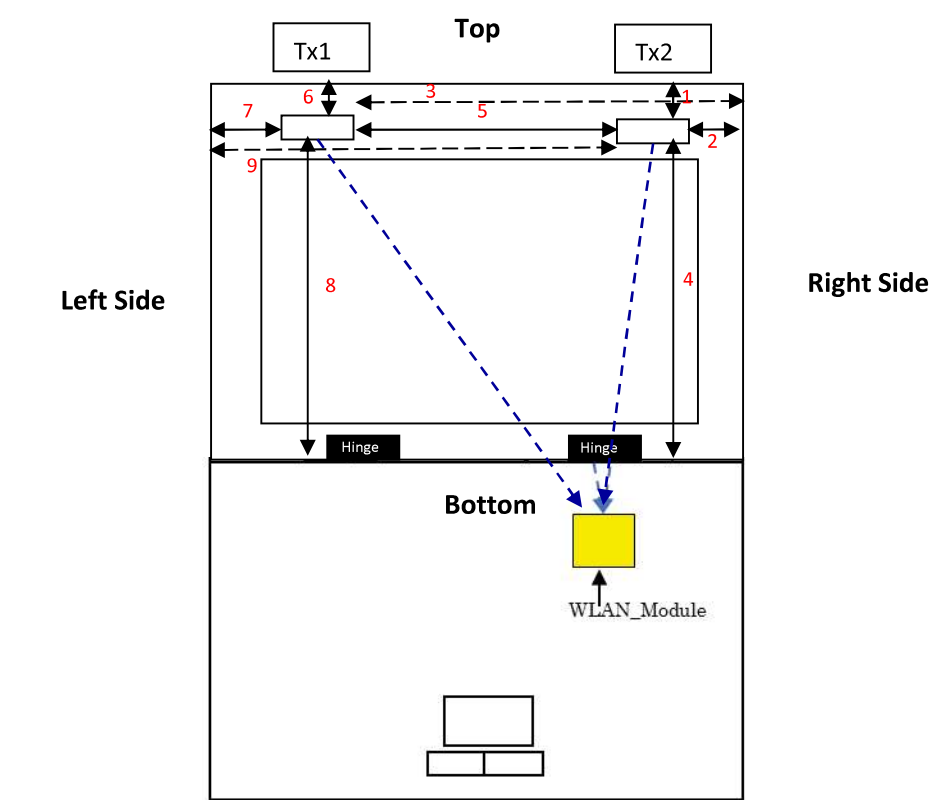
With rubber foot: 202.71 mm



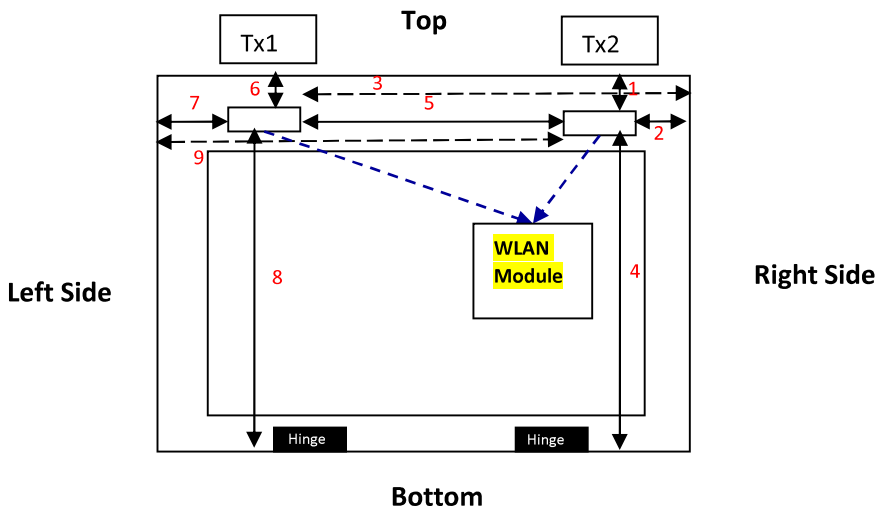
Section 6. Diagram Example of Co-Location Antenna Separation

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)



NB Dimension: (mm)	WLAN module to TX1	303.88
	WLAN module to TX2	236.21



TB Dimension: (mm)	WLAN module to TX1	261.05
	WLAN module to TX2	177.76