

Regulatory WLAN Antenna Information

(WLAN SKU_TB mode)

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.	Inventec	HSN-I61C	Yes		Convertible PC		1.9											
*****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 (Main/Tx2)			Antenna Part number (Aux/Tx1)											
HONG-BO		PIFA		6036B0346501 (00-2602754650)			6036B0346801 (00-2602754550)											
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								
Main	-0.89	1.33	1.33	0.91	-0.28	-0.28	0.34	-0.29	0.31	-0.99								
Aux	-1.7	1.13	0.85	0.97	-0.62	-0.97	0.54	-1.3	-1.3	-1.25								
Module Information																		
Model		Form factor and suffixes																
AX211NGW		Intel Garfield Peak 2 AX211 Wi-Fi 6e +Bluetooth 5.2 M.2 2230 160MHz CNVi WW WLAN																
BE200.NGW		Intel Gale Peak 2 BE200 Wi-Fi 7 +BT 5.4 M.2 2230 320MHz PCIe WW WLAN																
BE201.NGW		Intel Fillmore Peak 2 BE201 Wi-Fi 7 +BT 5.4 M.2 2230 320MHz P CNVi WW WLAN																
Antenna vendor connect person																		
Antenna Vendor		HONGBO Wireless Communication Technology Co., LTD																
contact person		Mirabelle Chou																
E-mail		mirabellechou@hong-bo.com.tw																
Tel/Mobile		02-2792-6009 EXT: 683																
Web address		https://www.hong-lin.com.cn/index.php																

b. Equipment list

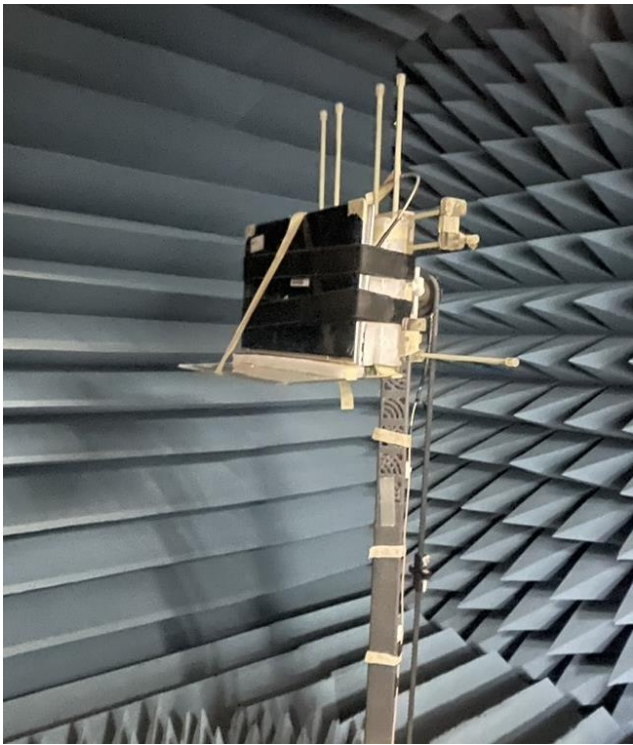
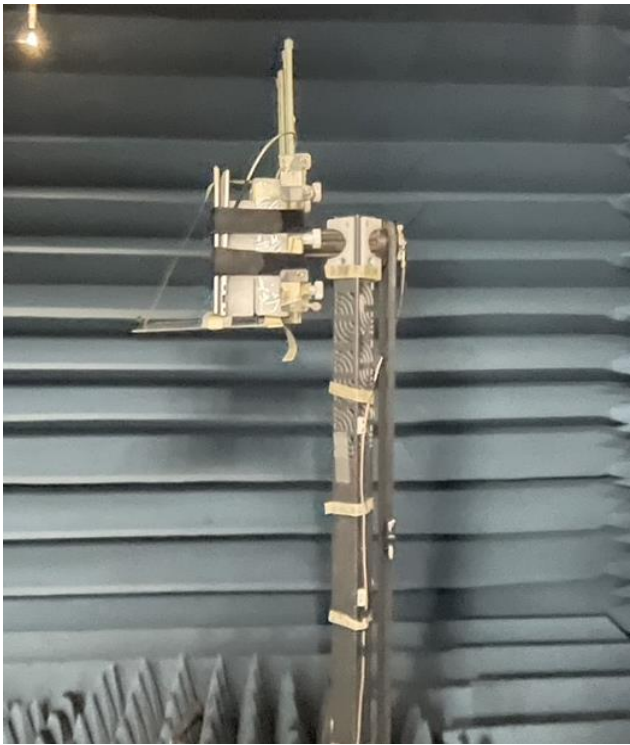
Test location: 1F, No. 8, Alley 15, Lane 120, Sec. 1, NeiHu Road NeiHu District, Taipei City 11493, Taiwan

Testing date: 2024/07/29

Equipment Description	Manufacturer	Identification no.	Current calibration date	Next calibration date
Network analyzer	Agilent	E5071C	2024/01/07	2025/01/06
Measurement software	ETS-Lindgren	EMQuest	N/A	N/A
Multi axis positioning system(MAPSTM)	ETS-Lindgren	EMCO 2115	N/A	N/A
Multi axis positioning system(MAPSTM)	ETS-Lindgren	EMCO 2110	N/A	N/A
MAPSTM controller	ETS-Lindgren	EMCO 2090	N/A	N/A
Horn antenna	ETS-Lindgren	3164-10	2024/03/03	2025/03/03
ETS OTA Chamber	ETS-Lindgren	AMS-8500	2024/03/03	2025/03/03
Cable	ETS-Lindgren	RFC SMS-100-NMR Series	N/A	N/A

Note: Chamber calibration included full set of implement

3. Setup photo



Antenna Manufacturer Information

HONGBO WIRELESS COMMUNIACTION TECHNOLOGY CO., LTD.

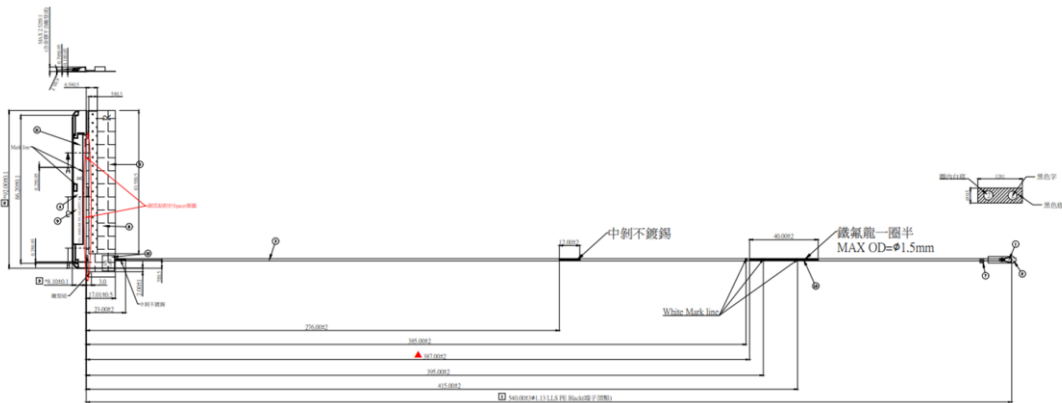
4F, No.143, Sinhu 1st Rd., Neihu Dist, Taipei City 11494, Taiwan

Tel : +886-2-2792-6009

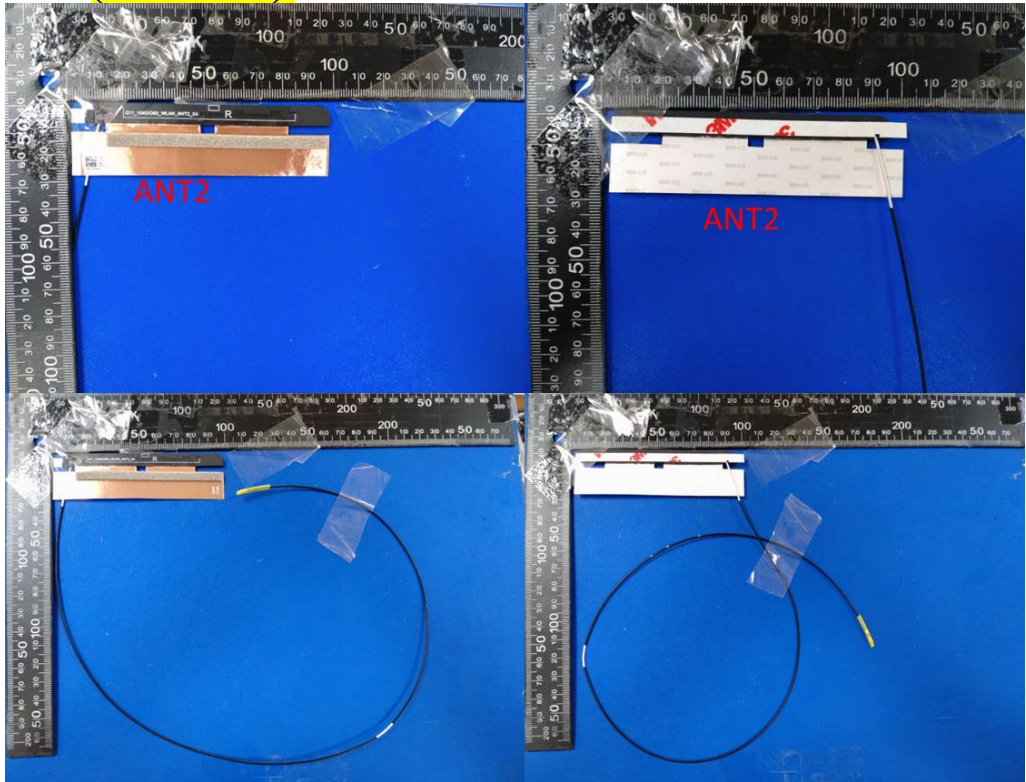
Section 2. Dimensioned Photos and Drawings of Antennas

Include the dimensioned photo and drawing of Main antenna here.

Main Antenna Drawing:



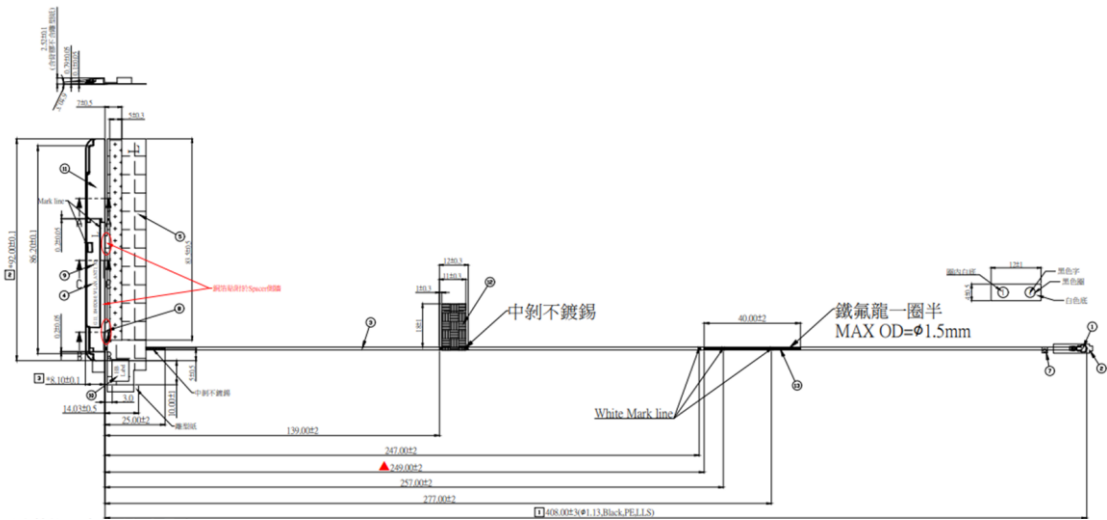
Main Antenna Photo (Front/Back):



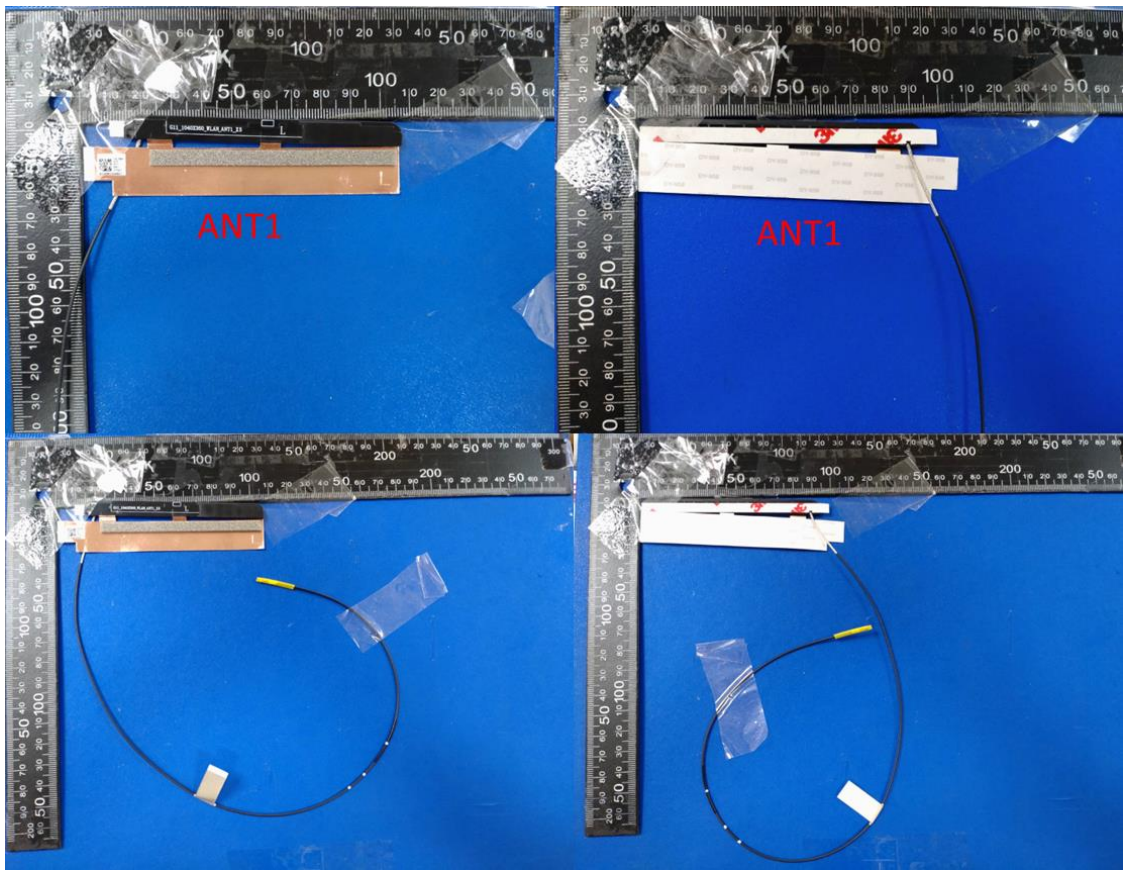
Note: antenna photo should include L type ruler

Include the dimensioned photo and drawing of Aux antenna here.

Aux Antenna Drawing:



Aux Antenna Photo (Front/Back):

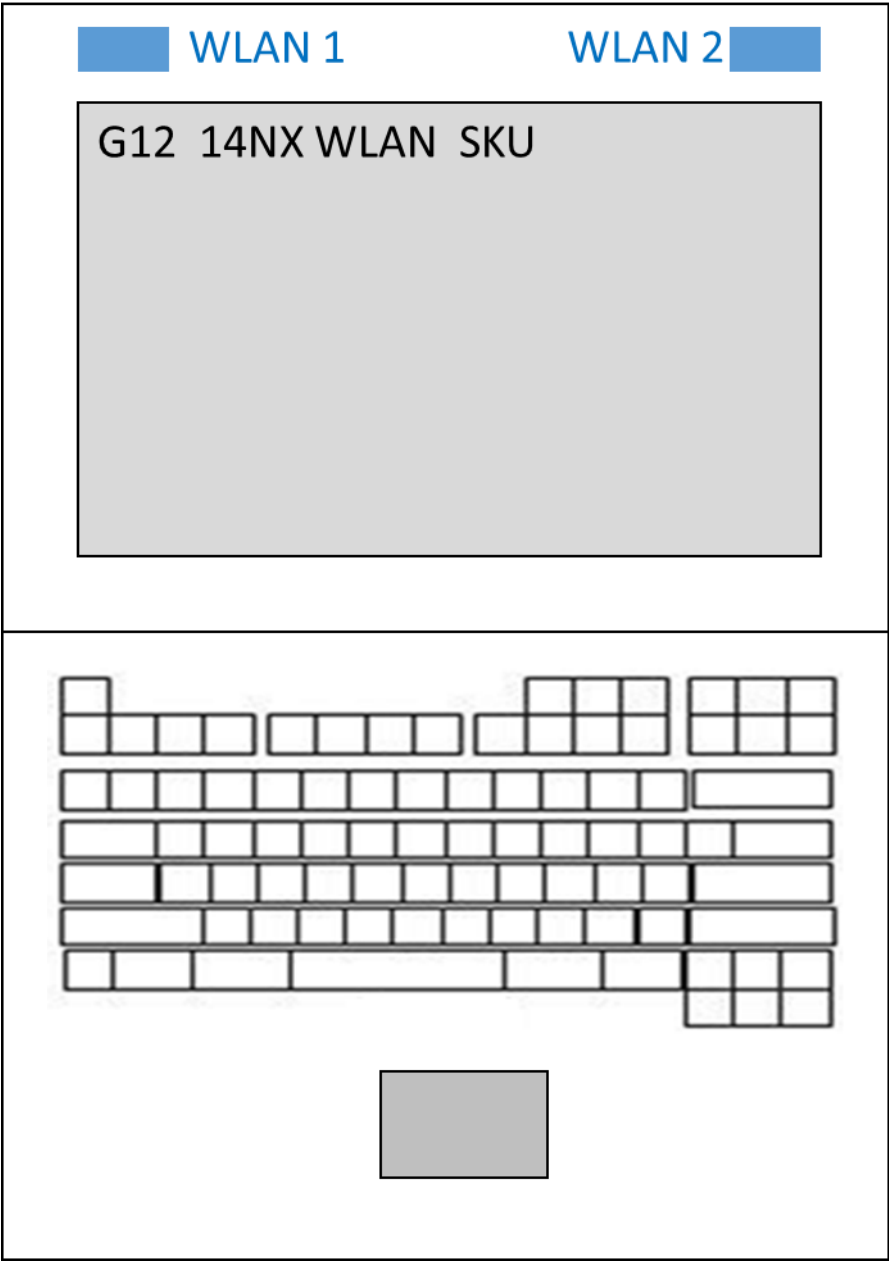


Note: antenna photo should include L type ruler

Section 4. Antenna Host Platform Location Information

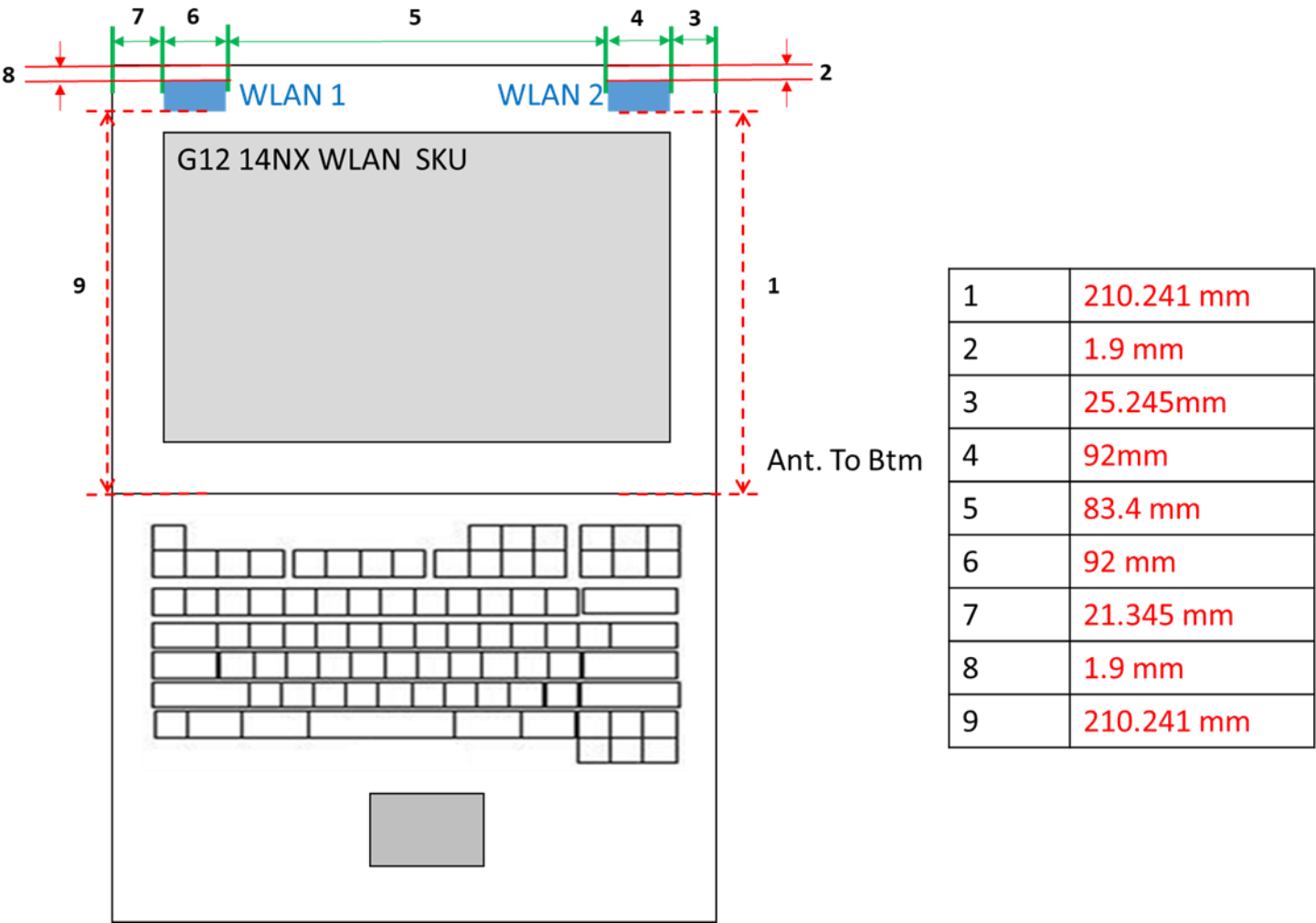
Include a **dimensioned photo(s) or dimensioned drawing(s)** of Main and Aux antenna placements (measurements are not required for receive-only antenna).

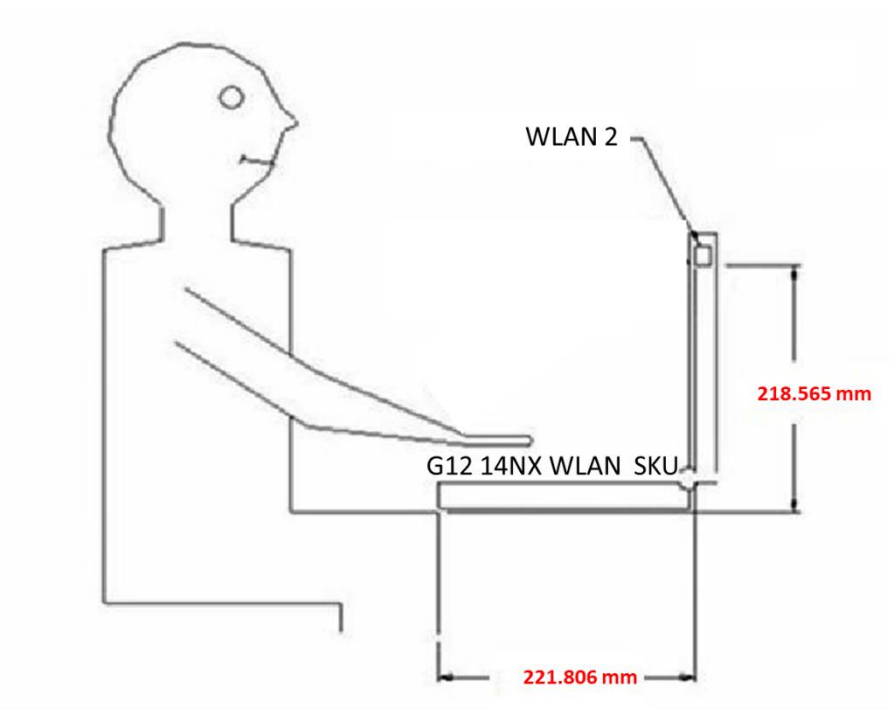
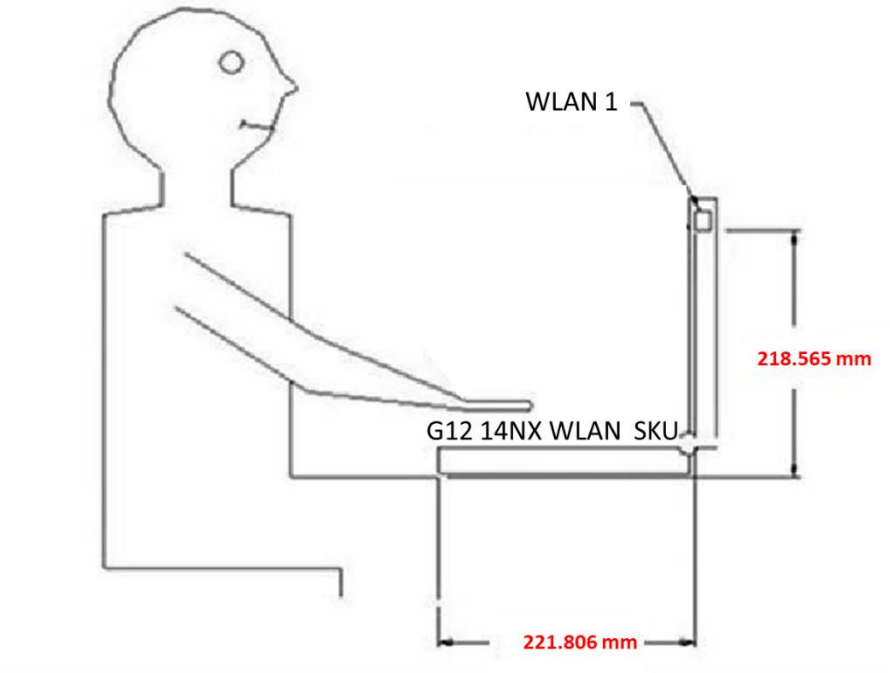
Any antenna that transmits must show dimensions to bottom of laptop. Provide a description of the materials that are used for supporting or surrounding transmit antennas; for example, non-conductive plastics vs. conductive coated plastic or metallic materials.

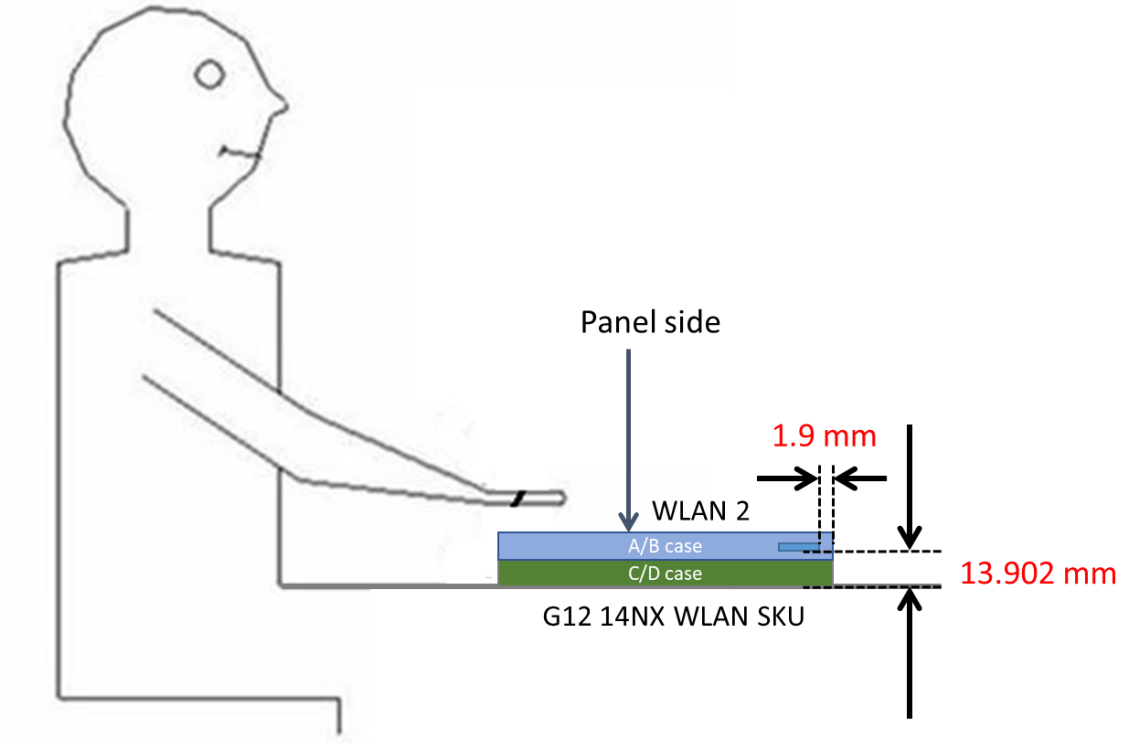
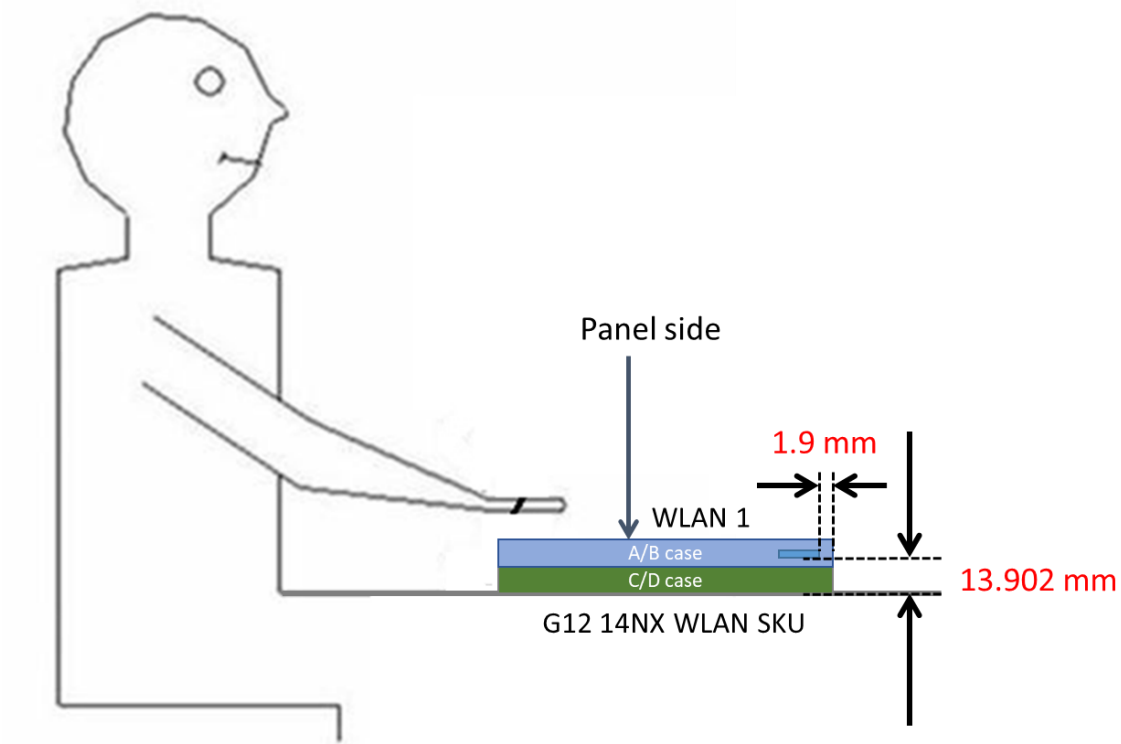


Section 5. Antenna dimensional information for SAR evaluation

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.







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)

