ANTENNA INFORMATION

OEM		HB
ODM		Compal Electronics Inc.
Platform model name		P201G
Intel platform (ex: Yes, No or NA)		Yes
Platform type (ex: regular NB, convertible PC, AIO…etc)		Regular NB
SAR minimum separation (mm)	FCC (1g)	1.7mm (w/bumper) 1.1 mm (w/o bumper)
	ISED (1g)	1.7 mm (w/bumper) 1.1mm (w/o bumper)
	ISED (10g)	1 mm

Antenna manufacturer	Company name	Hong-BO Co., Ltd.
	Address	4F., No.143, Sinhu 1st Rd., Neihu Dist., Taipei City, 11494 Taiwan
Test location	Company name	Hong-BO Co., Ltd.
	Address	4F., No.143, Sinhu 1st Rd., Neihu Dist., Taipei City, 11494 Taiwan
Test Personnel	Name(Full name)	林峻加
	E-mail	davidlin@hong-bo.com.tw
	Tel/Mobile	02-27926009
Testing date		2024/12/30

Antenna Part number	Main	Compal P/N：DC33002YH0L Antenna P/N：330-24054
	Aux	Compal P/N：DC33002YH0L Antenna P/N：330-24054
Antenna type (ex: PIFA, Dipole…etc)		Monopole

Antenna 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	2.16	1.67	1.11	0.06	1.25	1.25	2.15	3.17	3.17	2.27
Aux	1.65	2.56	1.83	-0.25	-0.20	-0.21	1.79	1.79	2.02	0.29

Cable Assembly Part Number and Information					
	Cable PN	**Cable length**(mm)	**Cable diameter**(mm)	**Impedance**(ohm)	**Connector type**
Main	SY113L/50-143	162	1.13	50	I-PEX MHF-4L(20565-001)
Aux	SY113L/50-118	259	1.13	50	I-PEX MHF-4L(20565-001)

* 3D Antenna Peak Gain required being test in system basis.

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	-0.36	-0.57	-0.58	-0.62	-0.63	-0.64	-0.68	-0.67	-0.70	-0.73
Aux	-0.55	-0.91	-0.93	-0.99	-1.02	-1.02	-1.09	-1.07	-1.12	-1.16

Annex A. Photographs

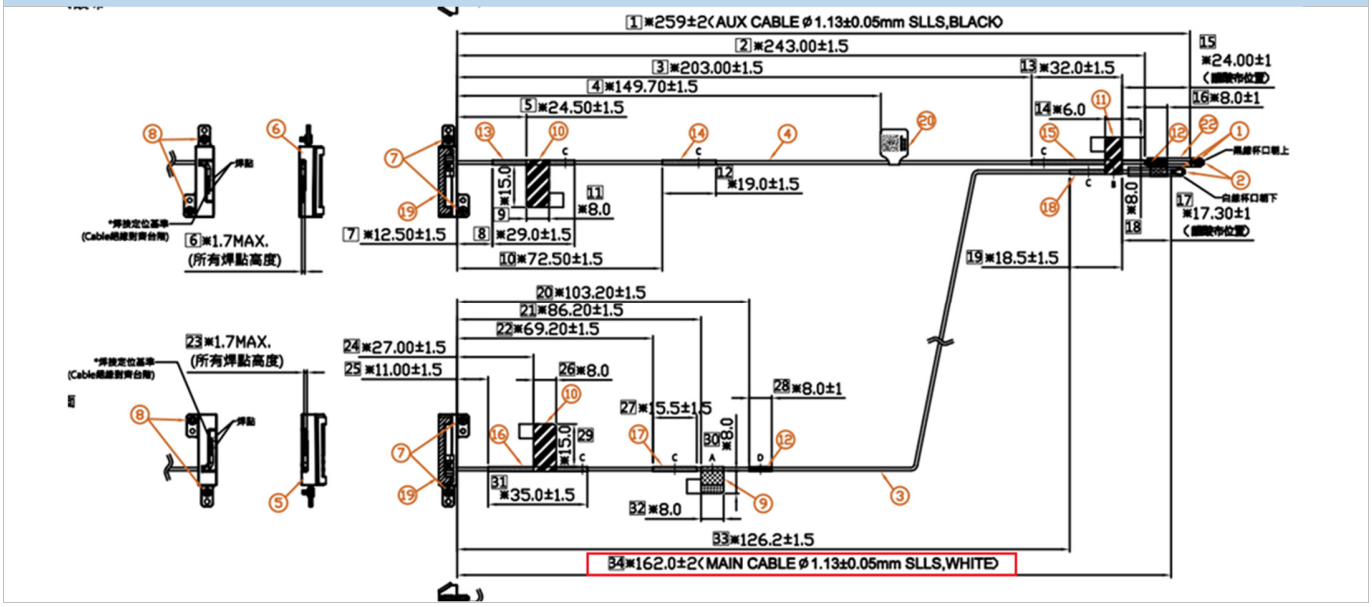
A.1 Setup Photo

<insert test diagram here for test site utilized>

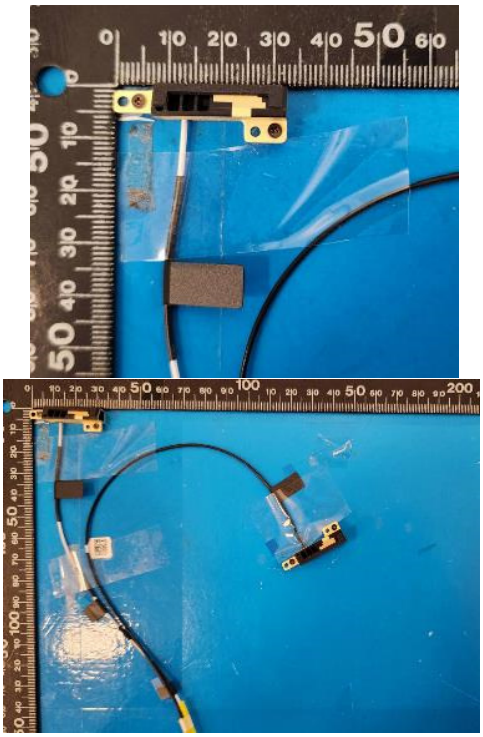
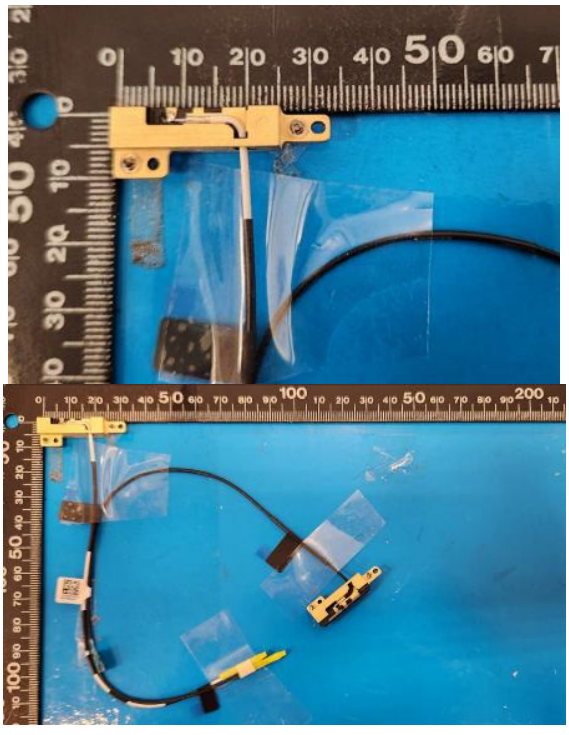
A.2 Test sample

Main Antenna

Antenna Drawing



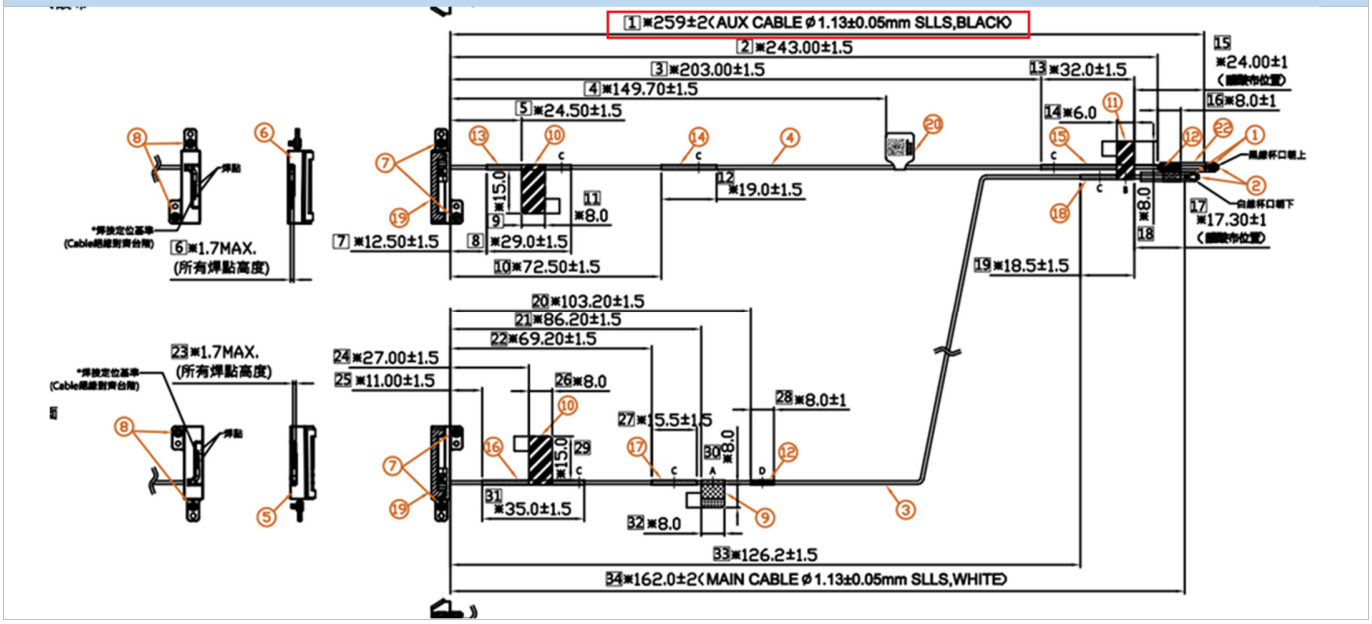
Antenna Photo

Front	Back
	

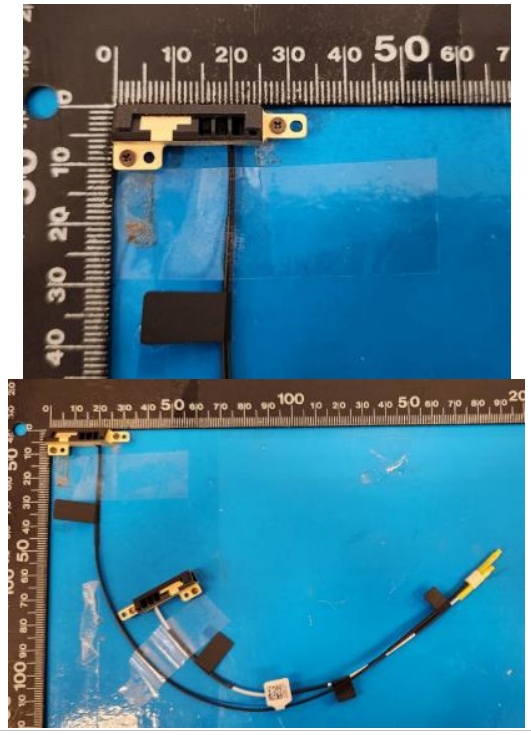
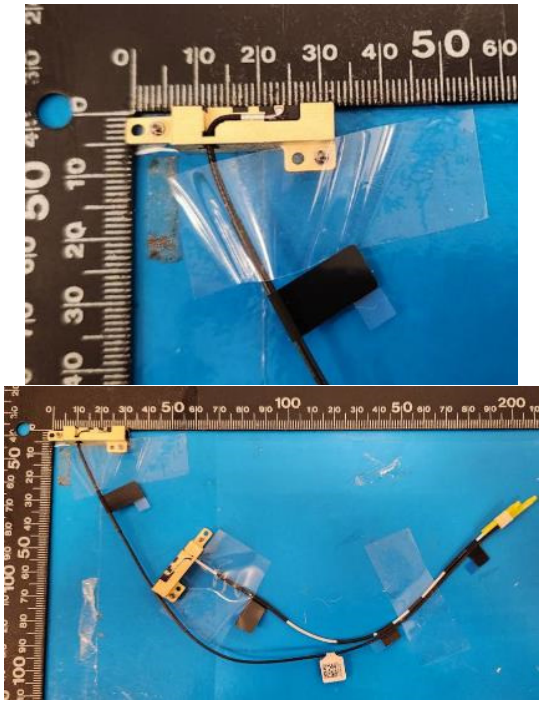
Note: antenna photo should include L type ruler

Aux Antenna

Antenna Drawing



Antenna Photo

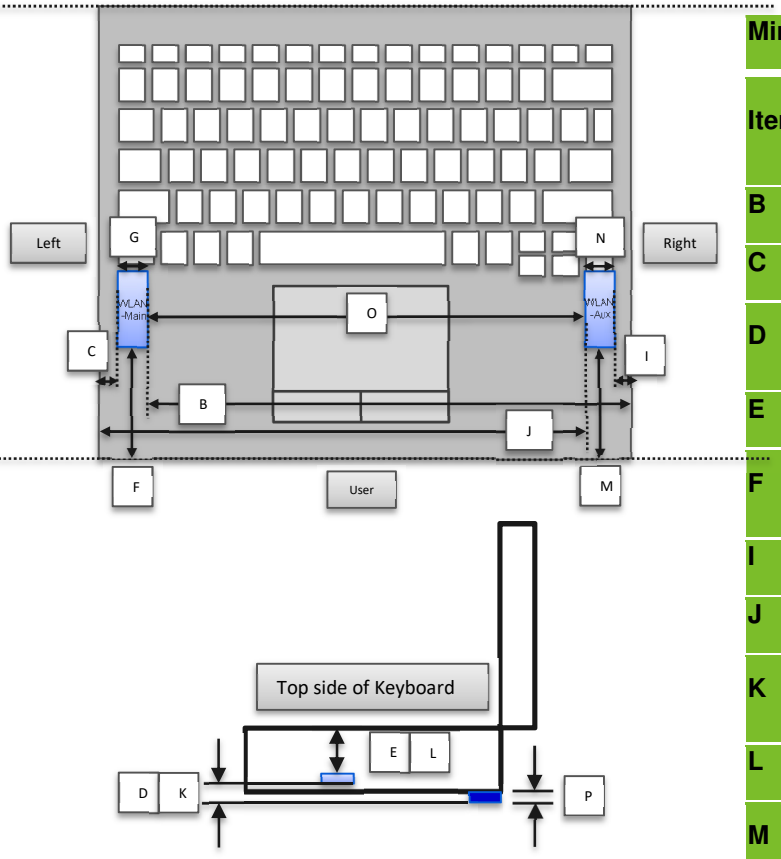
Front	Back
	

Note: antenna photo should include L type ruler

Annex B. Antenna Location

B.1 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.



Minimum Separation Distance				
Item	**Antenna**	**Position**	**Distance (mm)**	**1g or 10g SAR**
B	WLAN-Main	to Right	301	10g (ISED)
C		to Left	3	10g (ISED)
D		to Bottom of laptop	1.7	1g (FCC/ISED)
E		To Top side of Keyboard	1	10g (ISED)
F		to User (front)	46	1g (FCC/ISED)
I	WLAN-Aux	to Right	3	10g (ISED)
J		to Left	301	10g (ISED)
K		to Bottom of laptop	1.7	1g FCC/ISED)
L		To Top side of Keyboard	1	10g (ISED)
M		to User (front)	46	1g FCC/ISED)
O	Main-Aux	Main to Aux	293	
P	NB	Bumper thickness	0.6	

B.2 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.

Antennas on the panel section