

# Regulatory WLAN Antenna Information (Template)

English Language Required for Intel Regulatory Review / Approval

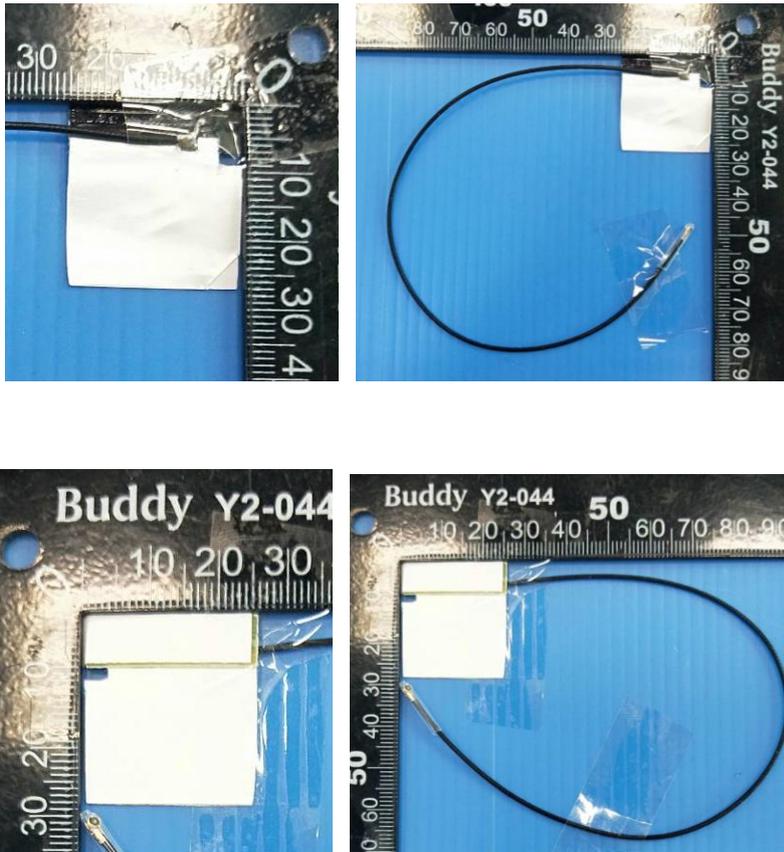
(OEM/ODM or antenna vendor is required to complete this document with platform antenna information.

Remove Intel references and make this your own document)

Platform information										
Brand	ODM	****End product model name	Intel platform (ex: Yes, No or NA)	Platform type (ex: regular NB, convertible PC, AIO...etc)	*SAR minimum separation (mm)					
ASUS	Compal	E1600WK	Yes	AIO	4.85					
****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)			Antenna Part number (Aux)					
SOUTHSTAR TECHNOLOGY CO.,LTD	PIFA	DC33002OL00(N12-8029-R0A)			DC33002OL10(N12-8030-R0A)					
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	6.2GHz 5925-6425MHz	6.5GHz 6425-6525MHz	6.7GHz 6525-6875MHz	7.0 GHz 6875-7125MHz	
Main	1.85	2.60	2.60	2.73	2.19	2.54	2.54	0.46	1.02	
Aux	1.75	1.90	1.90	1.85	2.76	2.52	0.80	1.49	1.83	
Intel Reference Gain/Type/ Separation distance										
Antenna Type	Antenna Peak gain (In dBi)*									Distance to the end user (mm)
	2.4GHz 2400-2483.5 MHz	5.2GHz 5150-5250MHz	5.3GHz 5250-5350MHz	5.6GHz 5470-5725MHz	5.8GHz 5725-5850MHz	6.2GHz 5925-6425MHz	6.5GHz 6425-6525MHz	6.7GHz 6525-6875MHz	7.0GHz 6875-7125MHz	
Design	3.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	Generic sku: refer to modular FCC SAR report Mid-power sku: ≥ 8 mm Low power sku: ≥ 5 mm
PIFA	3.23	3.64	3.73	4.77	4.97	4.83	4.30	5.37	5.59	
Dipole	2.89	2.92	3.19	4.41	4.22	4.83	4.30	4.49	5.34	
Notes (marked with *)										
* SAR minimum separation (mm)										
- Regular NB: Minimum antenna-to-body (from antenna bottom to the bottom of the device)										
- Tablet / Convertible PC: Minimum antenna-to-edge (5 sides of the device)										
- Mini-tablet: Minimum antenna-to-edge (6 sides of the device)										
* 3D Peak Antenna gain should be equal or greater than -2 dBi										
- If a host integrator plans to use a lower gain antenna of the same type, additional CBP(FCC)/EDT(EU) testing need to be performed while the module is installed in the host.										

## Section 2. Dimensioned Photos or Drawings of Antennas

Main Antenna Photo (Front/Back):

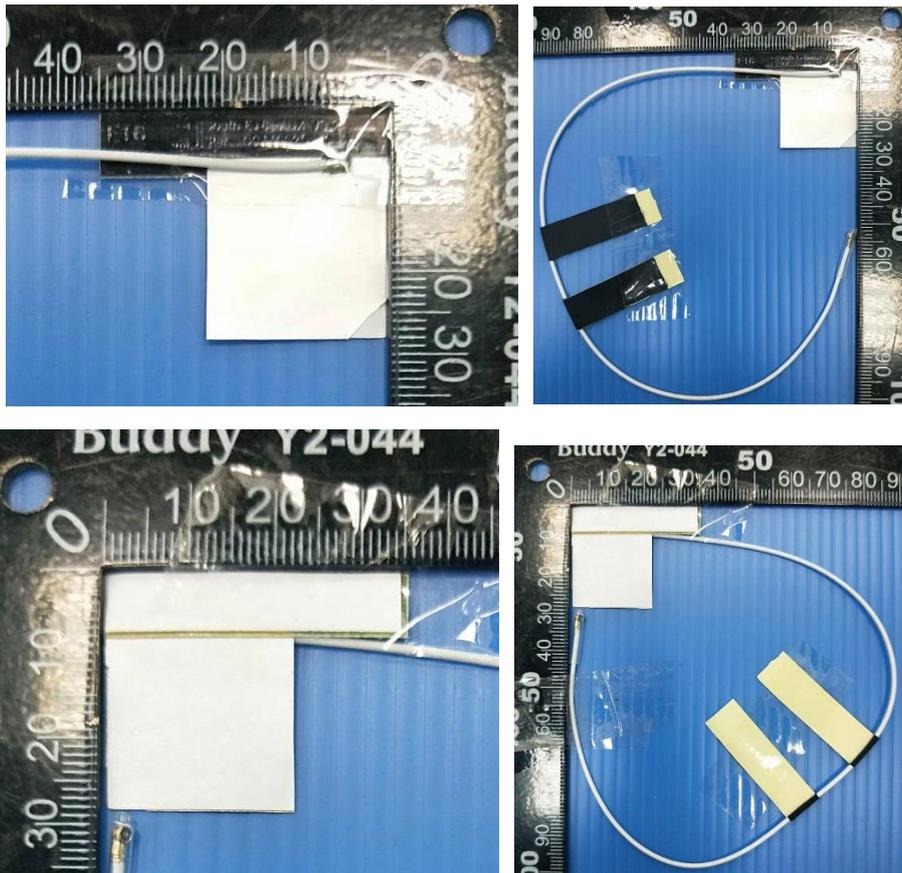


Antenna Manufacturer : N12-8029-R0A

Antenna Part Number : DC33002OL00

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

Aux Antenna Photo (Front/Back):



Antenna Manufacturer : N12-8030-R0A

Antenna Part Number : DC33002OL10

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