6. 6DB BANDWIDTH TEST

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range(MHz)	Result
15.247(a)(2)	Bandwidth	>= 500KHz (6dB bandwidth)	2400-2483.5	PASS

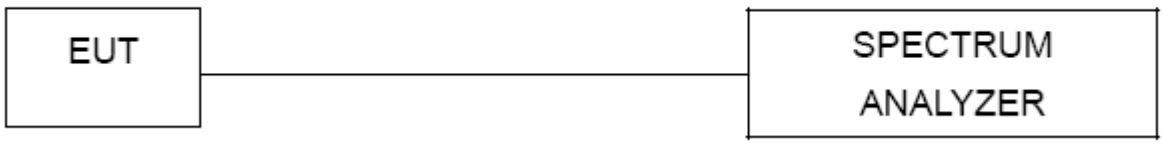
6.1.1 TEST PROCEDURE

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

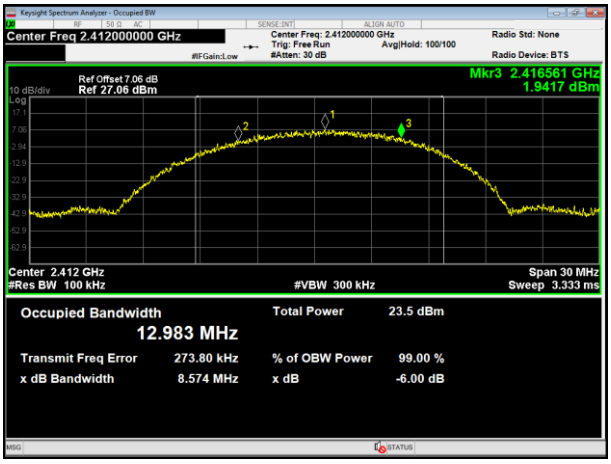
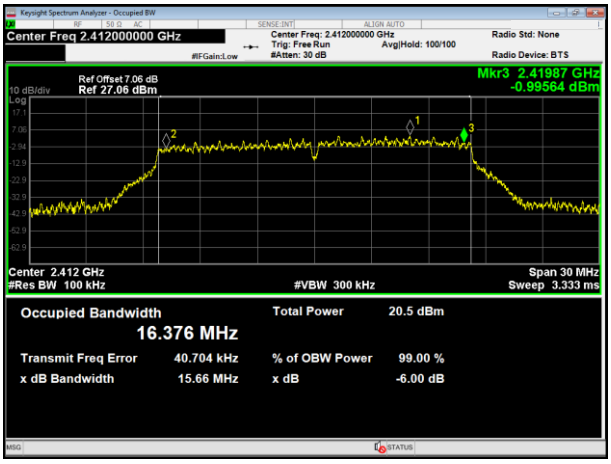
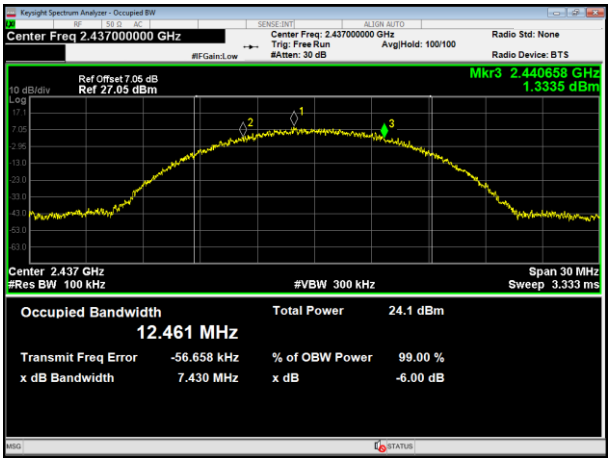
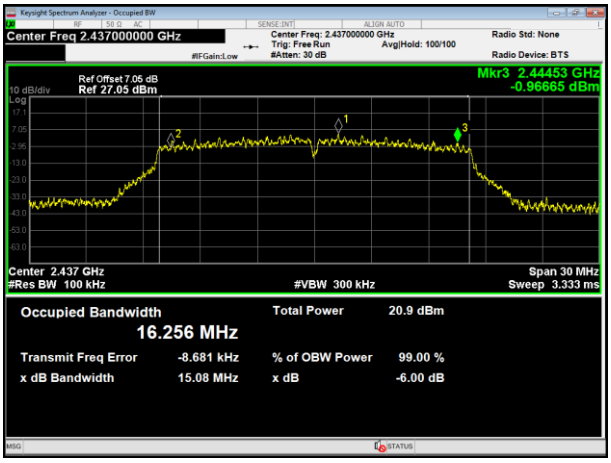
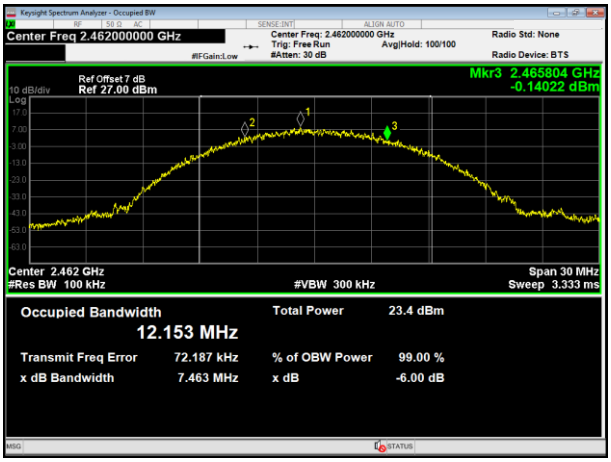
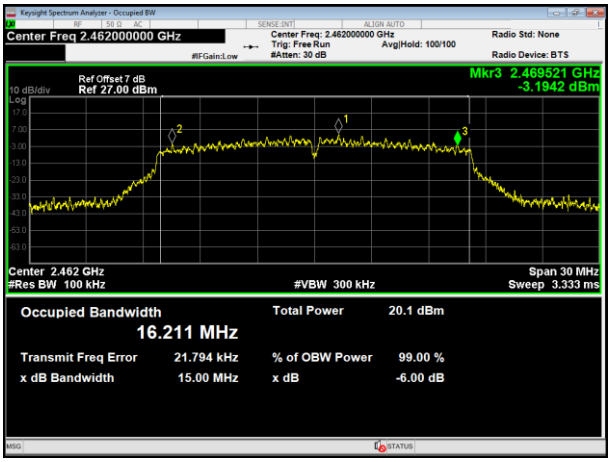


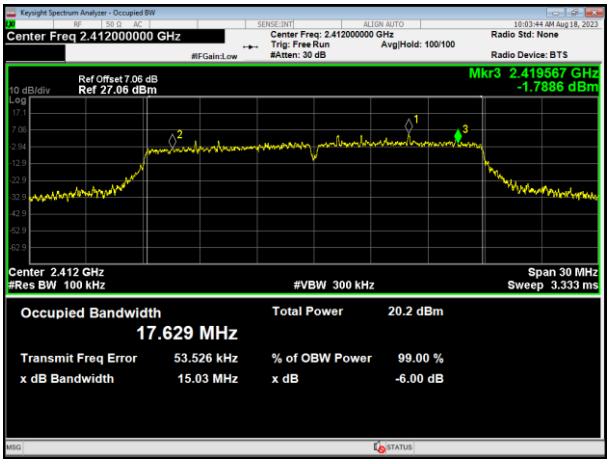
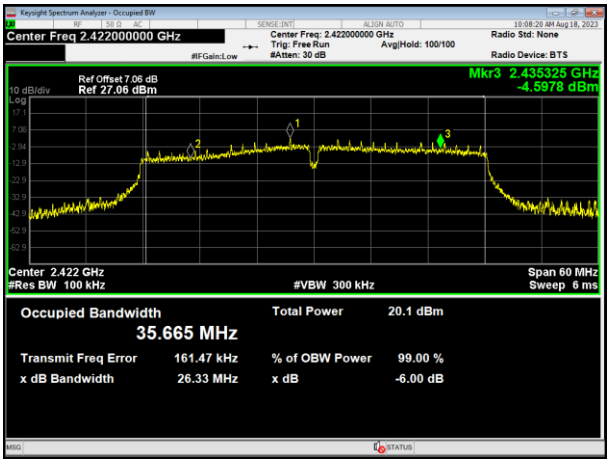
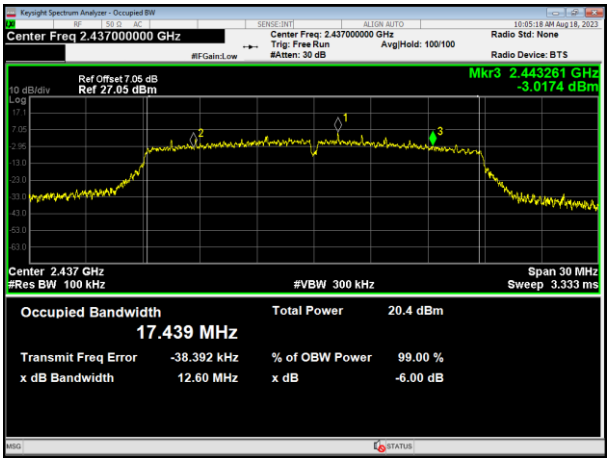
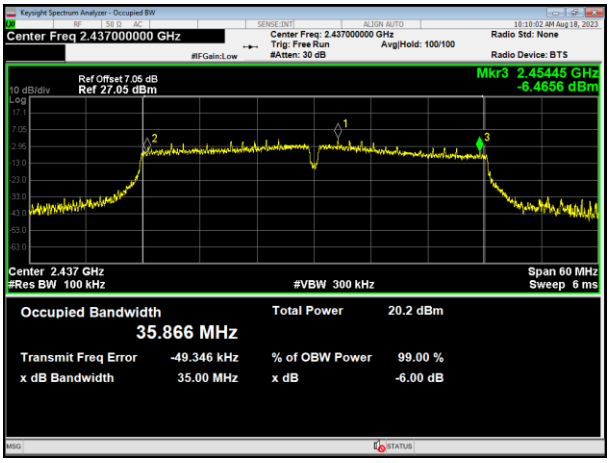
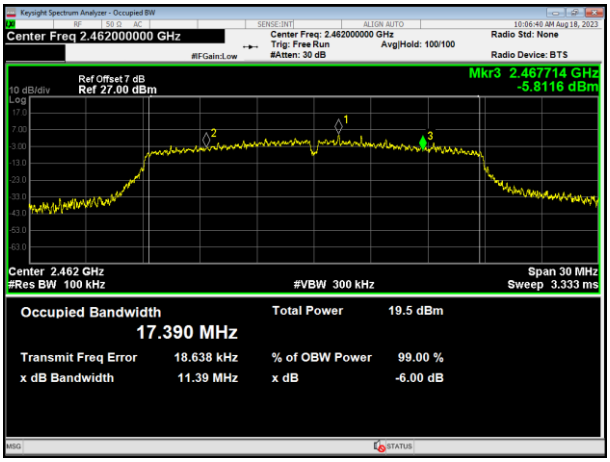
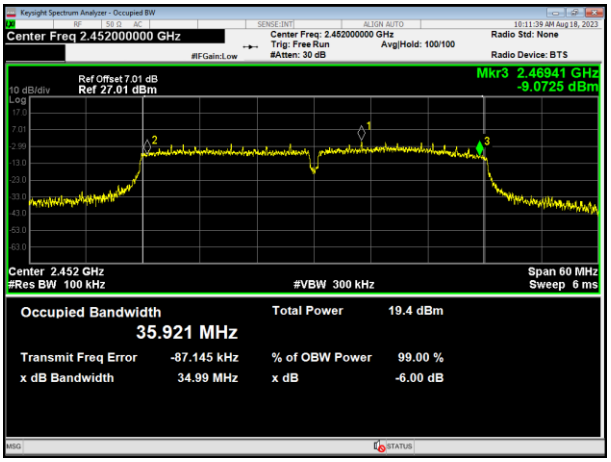
6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 TEST RESULTS

Test CH		Channel Bandwidth (MHz)	Limit(KHz)	Result
802.11b	Lowest	8.574	>500	Pass
	Middle	7.430		
	Highest	7.463		
802.11g	Lowest	15.66		
	Middle	15.08		
	Highest	15.00		
802.11n (20MHz)	Lowest	15.03		
	Middle	12.60		
	Highest	11.39		
802.11n (40MHz)	Lowest	26.33		
	Middle	35.00		
	Highest	34.99		

802.11b	802.11g
	
2412MHz	2412MHz
	
2437MHz	2437MHz
	
2462MHz	2462MHz

802.11n HT20	802.11n HT40
	
2412MHz	2422MHz
	
2437MHz	2437MHz
	
2462MHz	2452MHz

7. ANTENNA REQUIREMENT

7.1 STANDARD REQUIREMENT

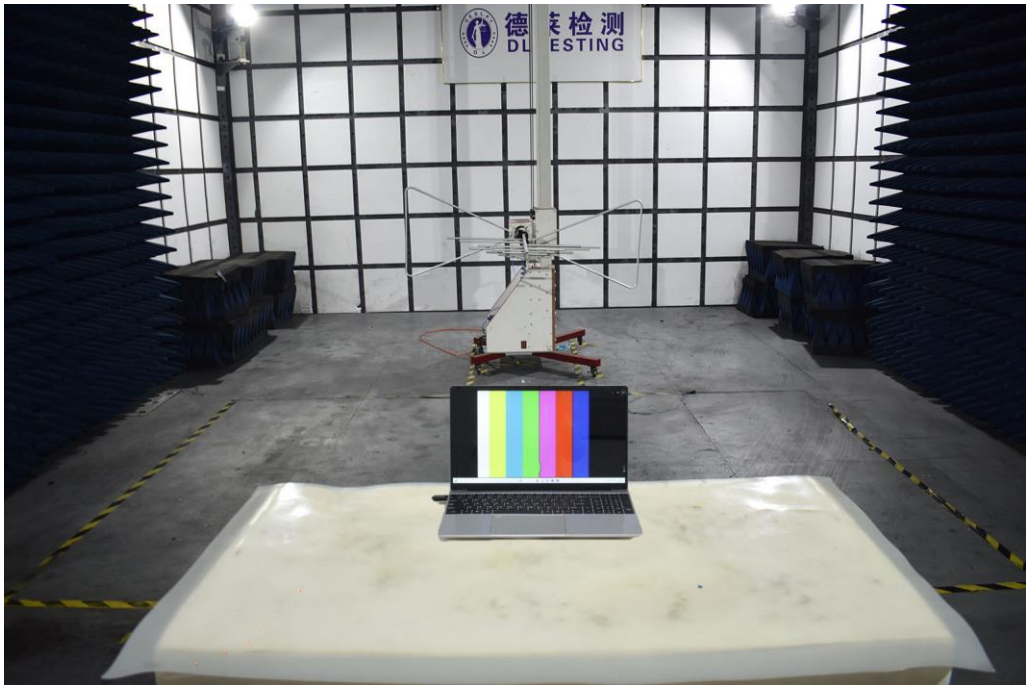
15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

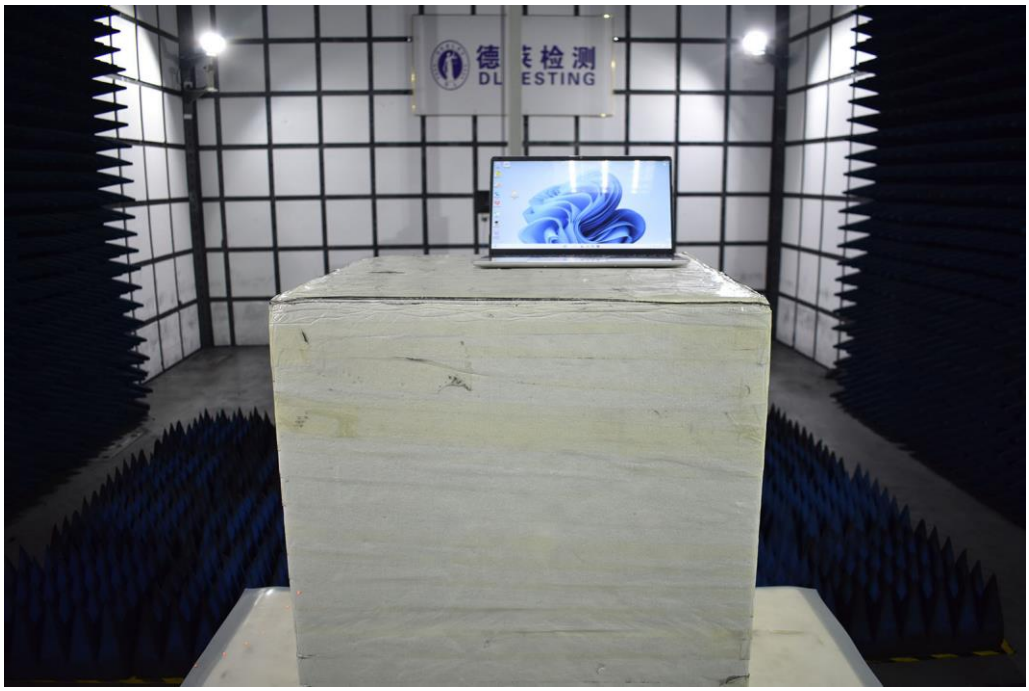
7.2 EUT ANTENNA

The EUT antenna is Internal antenna, It comply with the standard requirement.

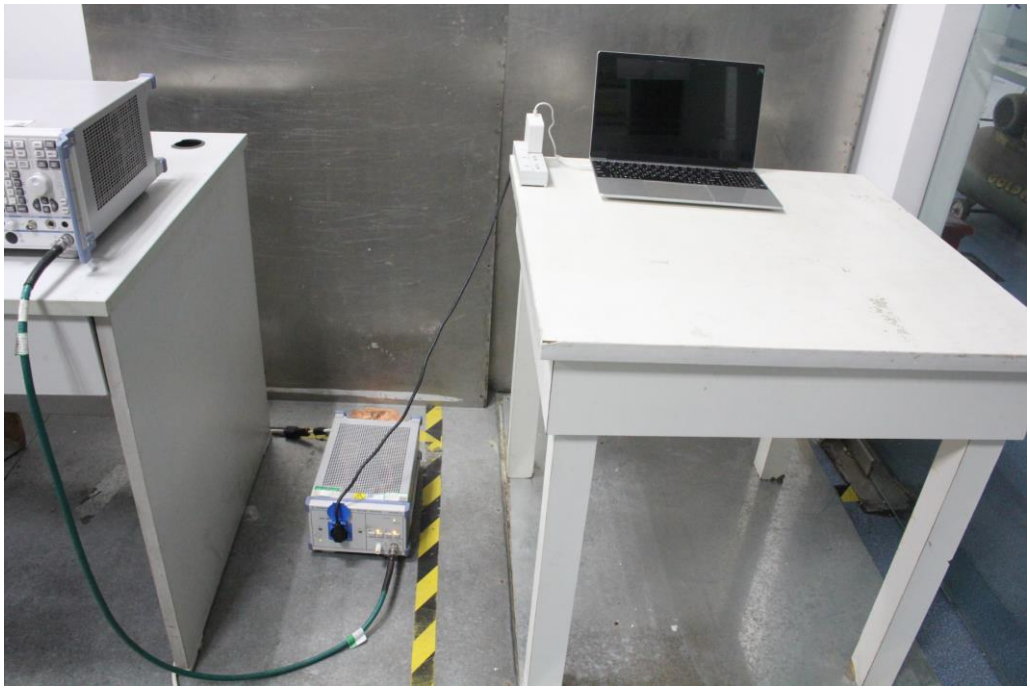
8. TEST SEUUP PHOTO

Radiated Measurement Photos

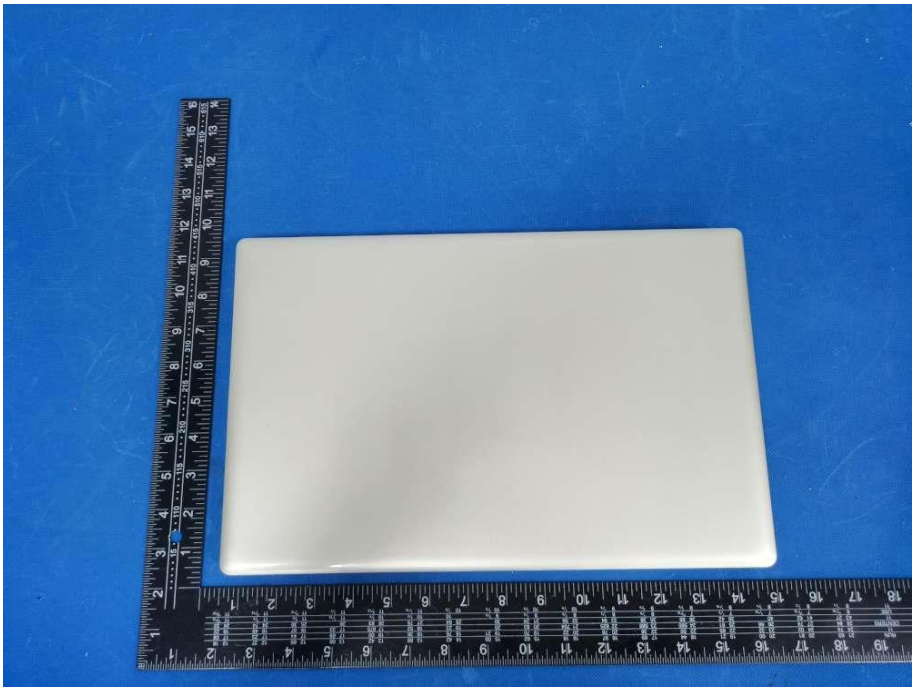


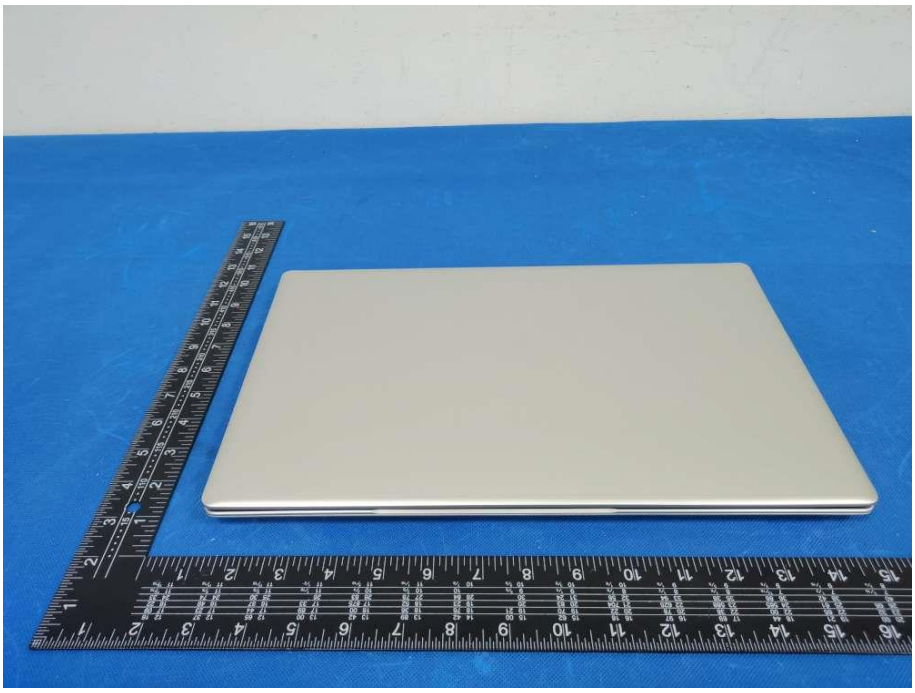


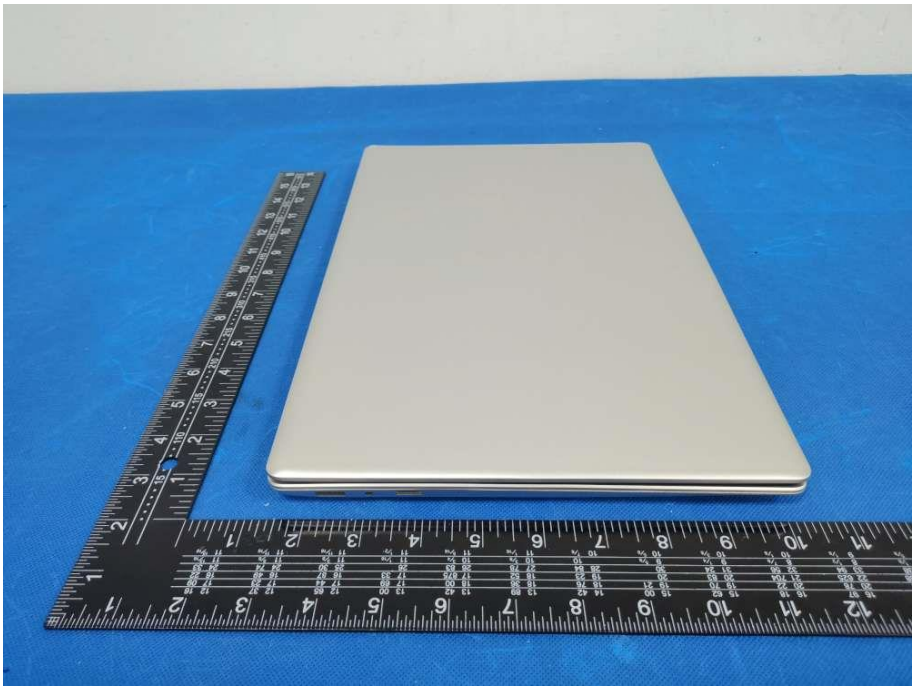
Conducted Measurement Photos

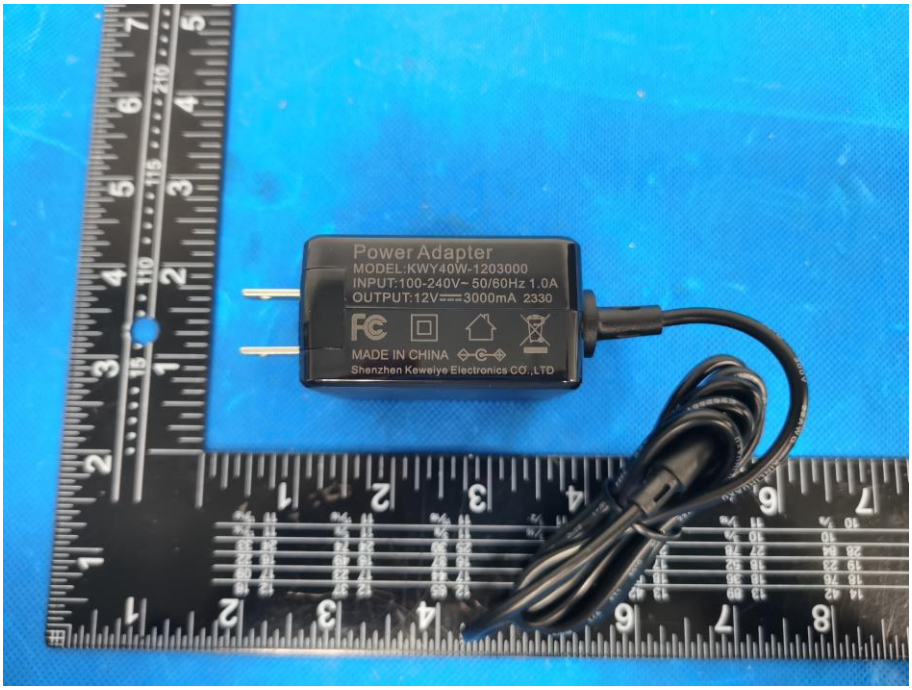


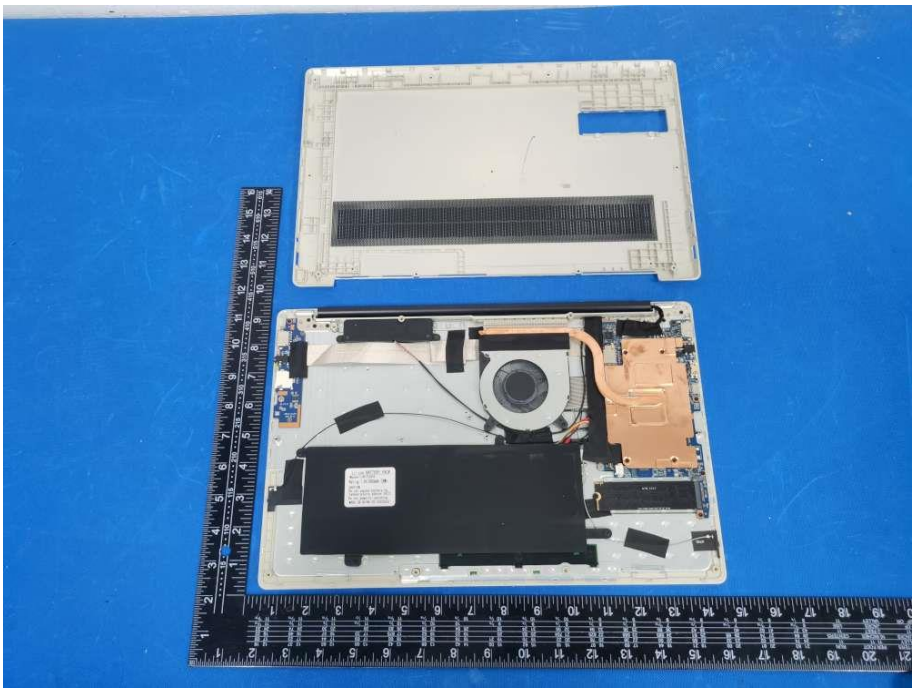
9. EUT PHOTO

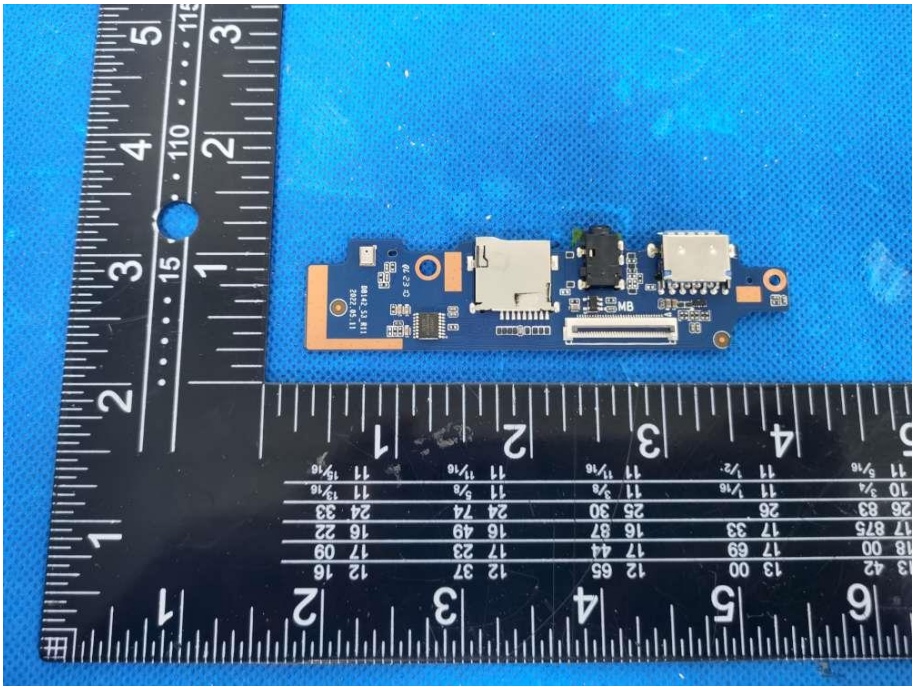


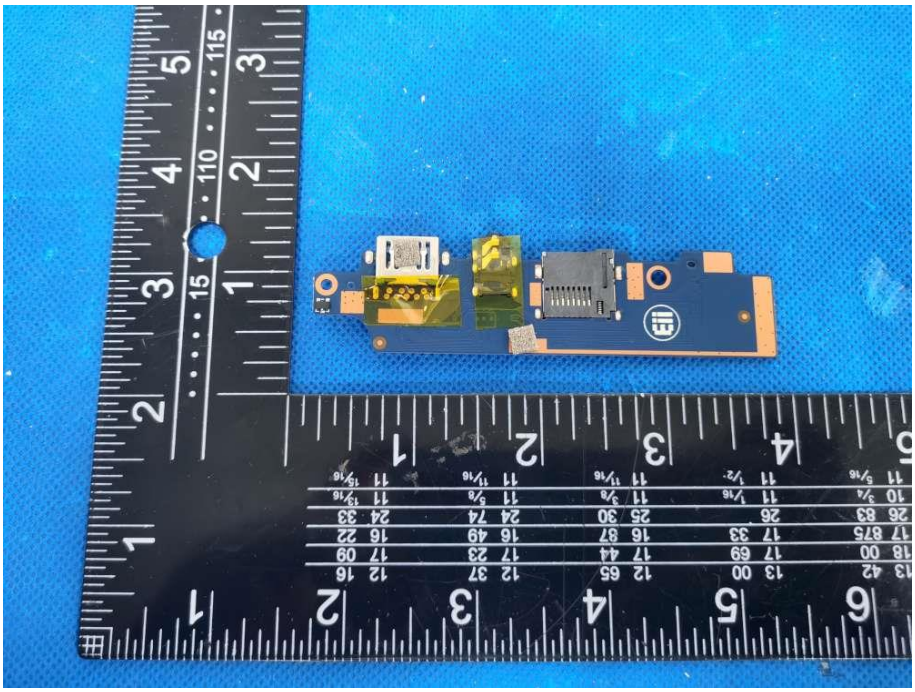


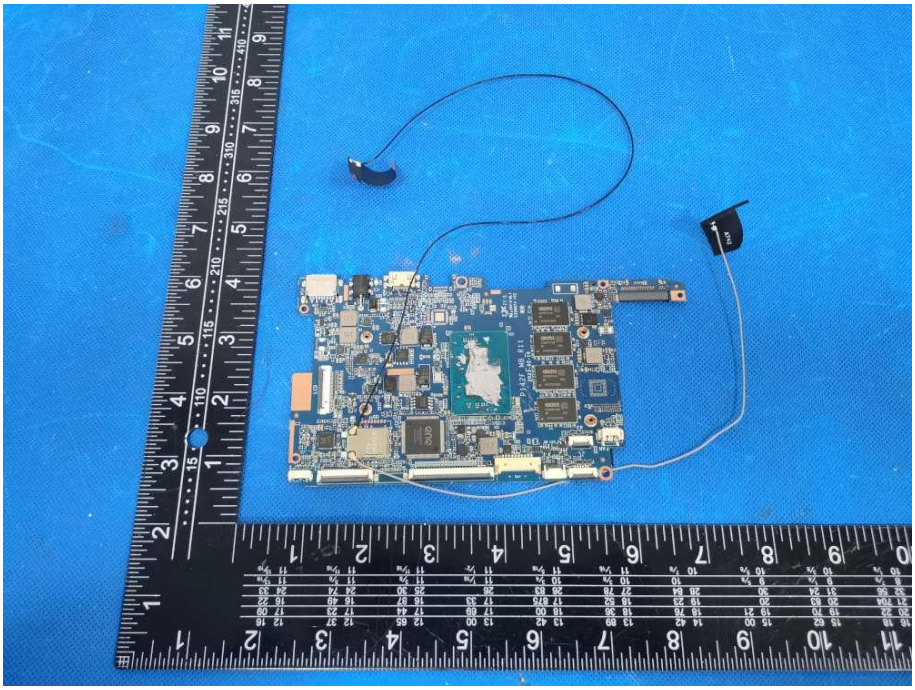


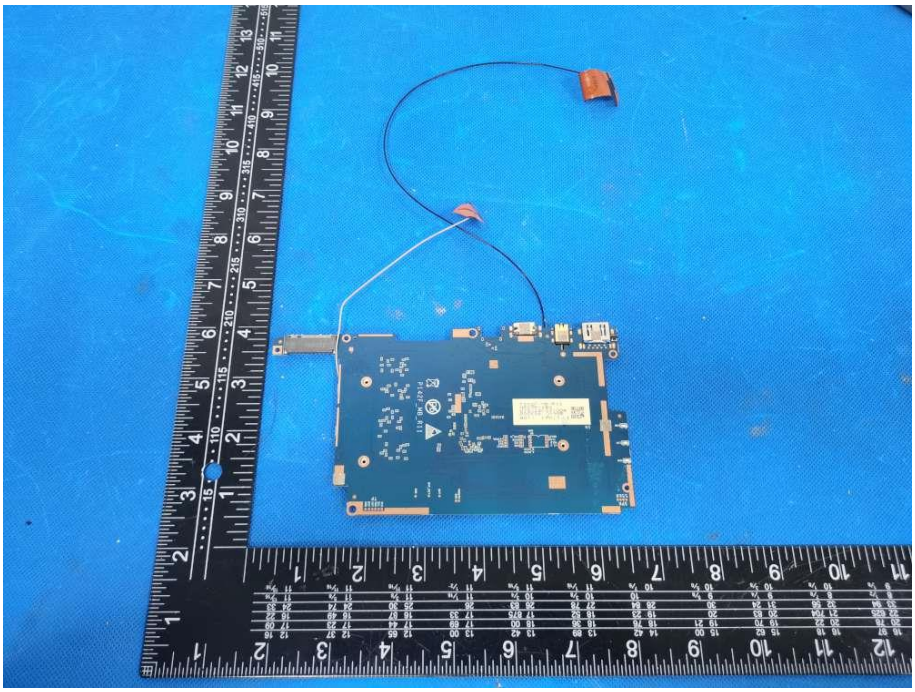

Power Adapter
MODEL:KWY40W-1203000
INPUT:100-240V~ 50/60Hz 1.0A
OUTPUT:12V===3000mA 2330
MADE IN CHINA
Shenzhen Keweiye Electronics CO.,LTD

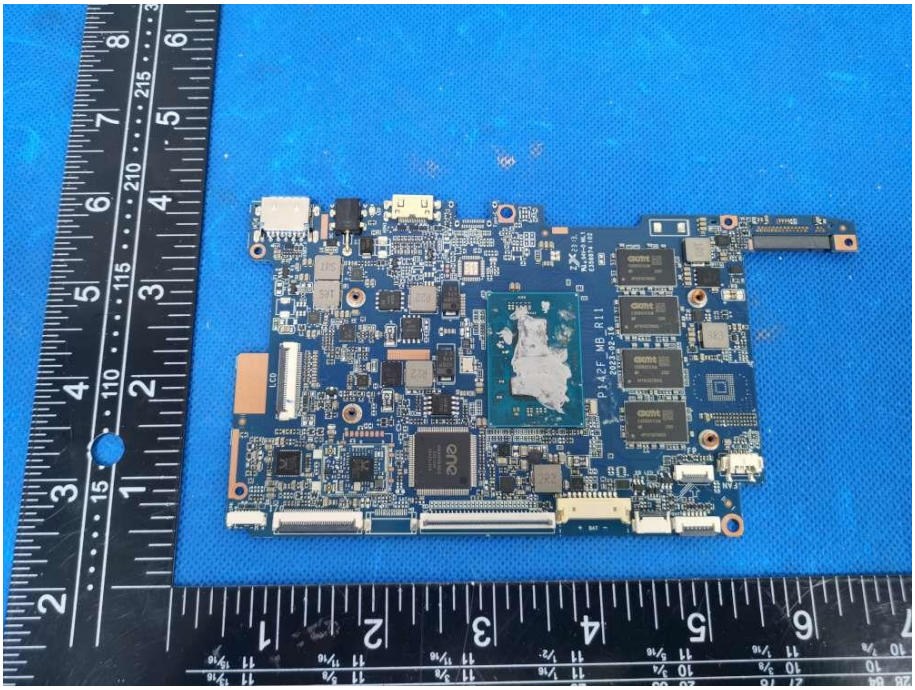


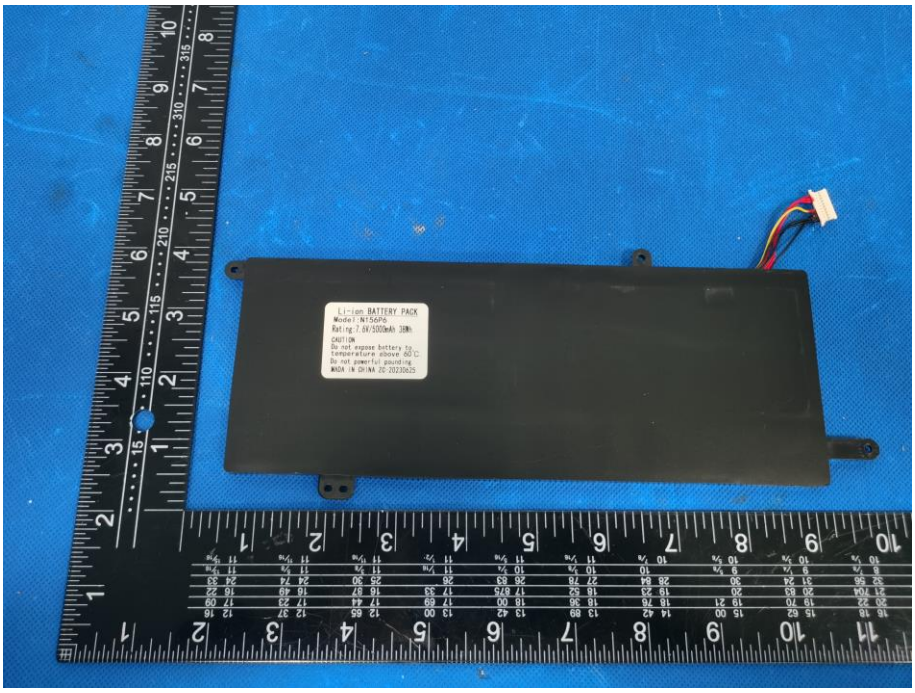


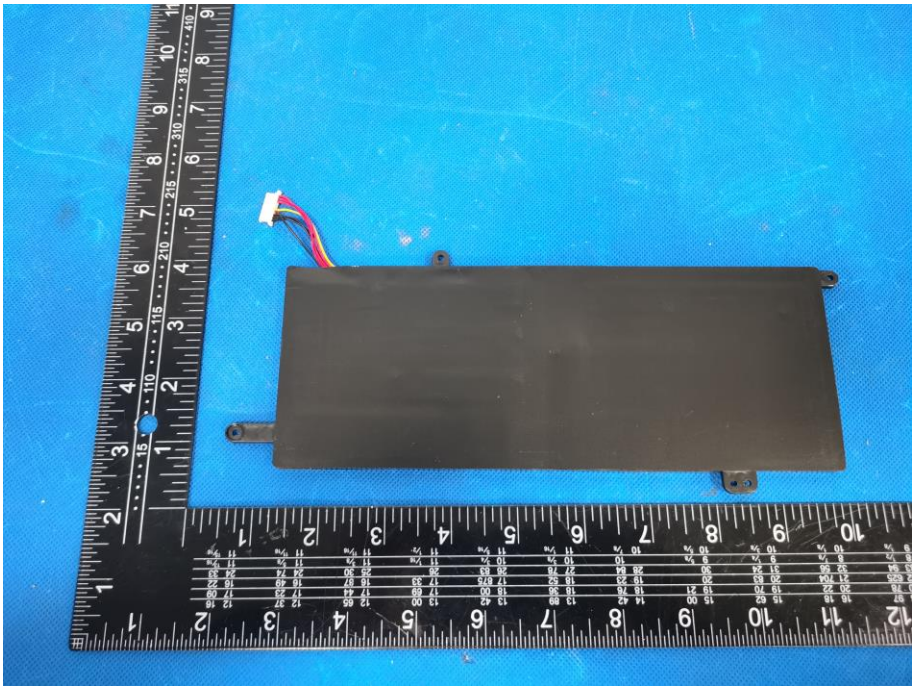









Li-ion BATTERY PACK
Model:NT56P6
Rating:7.6V/5000mAh 38Wh
CAUTION
Do not expose battery to temperature above 60°C
Do not powerful pounding
MADE IN CHINA 20-20230625



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