
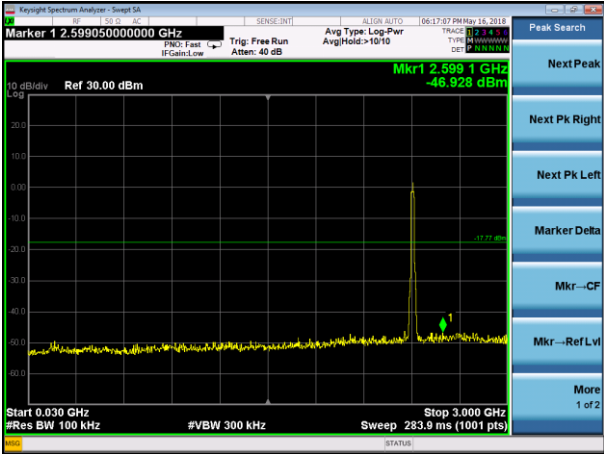


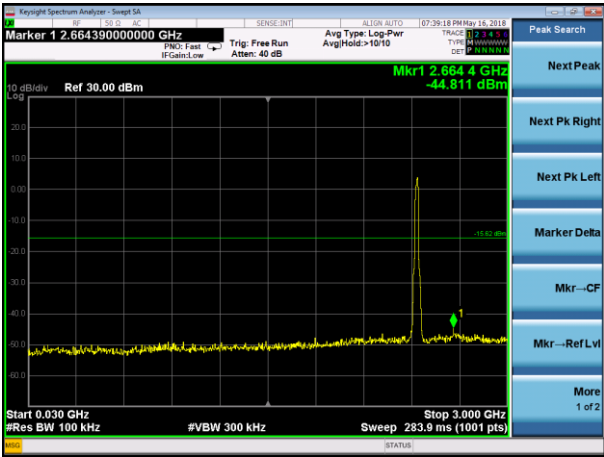




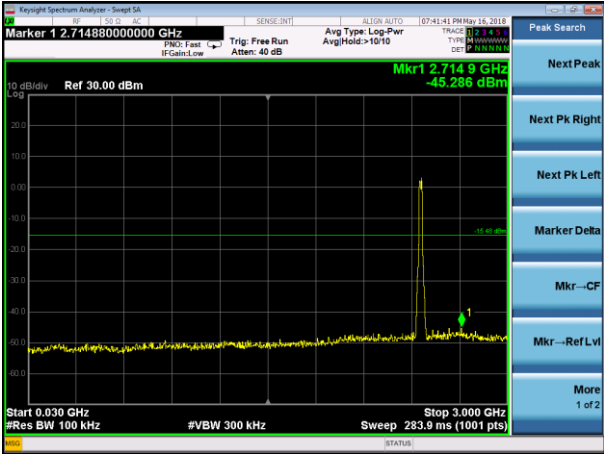

Test Mode:	802.11g	Test channel :	01
			
Channel 01			
			
30MHz ~3GHz			
			
3GHz~25GHz			

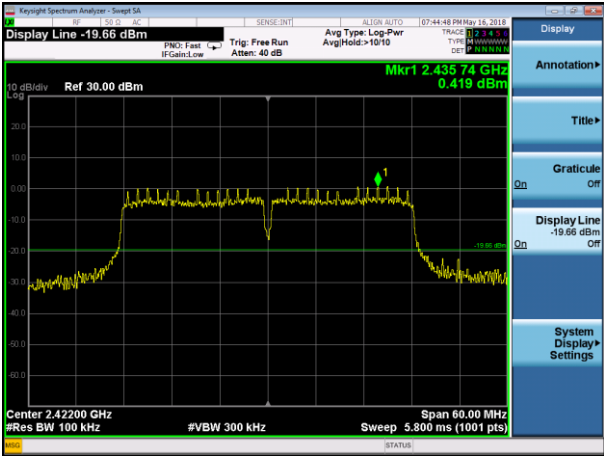
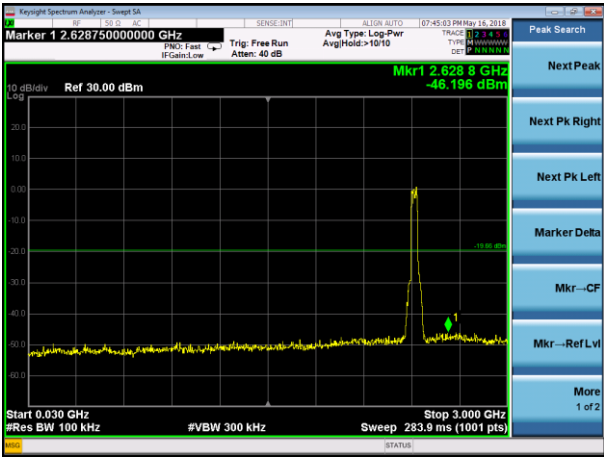

Test Mode:	802.11g	Test channel :	06
<div><div><div><div>KeySight Spectrum Analyzer - Sweep SA</div><div>06:24:49 PM May 16, 2018</div></div><div><div>Display Line -14.66 dBm</div><div>Ref 30.00 dBm</div><div>Mkr1 2.441 98 GHz 5.338 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div>20.0</div><div>10.0</div><div>0.00</div><div>-10.0</div><div>-20.0</div><div>-30.0</div><div>-40.0</div><div>-50.0</div><div>-60.0</div></div><div><div>Center 2.43700 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.933 ms (1001 pts)</div></div><div><div>Display</div><div>Annotation</div><div>Title</div><div>Graticule Off</div><div>Display Line -14.66 dBm Off</div><div>System Display Settings</div></div></div></div>			
Channel 06			
<div><div><div><div>KeySight Spectrum Analyzer - Sweep SA</div><div>06:25:04 PM May 16, 2018</div></div><div><div>Marker 1 2.046630000000 GHz</div><div>Ref 30.00 dBm</div><div>Mkr1 2.046 6 GHz -46.597 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div>20.0</div><div>10.0</div><div>0.00</div><div>-10.0</div><div>-20.0</div><div>-30.0</div><div>-40.0</div><div>-50.0</div><div>-60.0</div></div><div><div>Start 0.030 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 283.9 ms (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div>			
30MHz ~3GHz			
<div><div><div><div>KeySight Spectrum Analyzer - Sweep SA</div><div>06:25:16 PM May 16, 2018</div></div><div><div>Marker 1 24.758000000000 GHz</div><div>Ref 30.00 dBm</div><div>Mkr1 24.758 GHz -38.135 dBm</div></div><div><div>10 dB/div</div><div>Log</div><div>20.0</div><div>10.0</div><div>0.00</div><div>-10.0</div><div>-20.0</div><div>-30.0</div><div>-40.0</div><div>-50.0</div><div>-60.0</div></div><div><div>Start 3.00 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.103 s (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div>			
3GHz~25GHz			

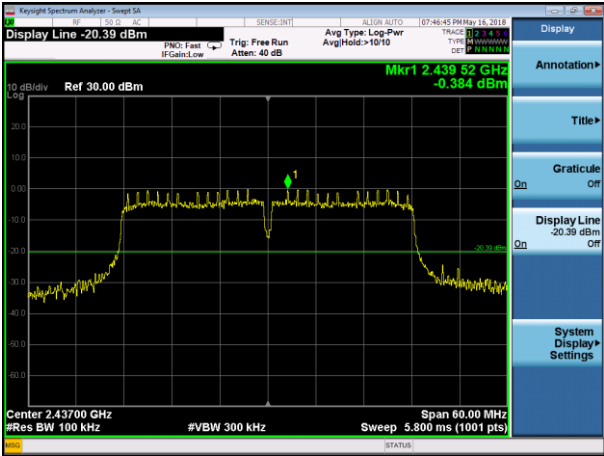
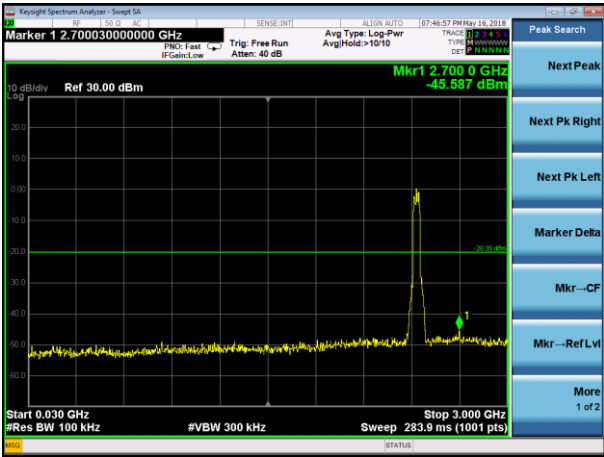

Test Mode:	802.11g	Test channel :	11
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div><div>Display Line -16.60 dBm</div><div>Ref 30.00 dBm</div><div>Mkr1 2.456 99 GHz 3.399 dBm</div></div><div><div>Center 2.46200 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.933 ms (1001 pts)</div></div><div><div>Span 30.00 MHz</div><div>Sense:INT</div><div>Align: AUTO</div><div>06:28:00 PM May 14, 2018</div><div>TRACE 1 1 1 1 1 TYPE M INWWW DET P INWWW</div></div><div><div>Display</div><div>Annotation</div><div>Title</div><div>Graticule On Off</div><div>Display Line -16.60 dBm On Off</div><div>System Display Settings</div></div></div></div>			
Channel 11			
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div><div>Marker 1 2.07039000000000 GHz</div><div>Ref 30.00 dBm</div><div>Mkr1 2.070 4 GHz -46.904 dBm</div></div><div><div>Start 0.030 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 283.9 ms (1001 pts)</div></div><div><div>Stop 3.000 GHz</div><div>Sense:INT</div><div>Align: AUTO</div><div>06:28:36 PM May 14, 2018</div><div>TRACE 1 1 1 1 1 TYPE M INWWW DET P INWWW</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div>			
30MHz ~3GHz			
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div><div>Marker 1 24.23000000000000 GHz</div><div>Ref 30.00 dBm</div><div>Mkr1 24.230 GHz -38.180 dBm</div></div><div><div>Start 3.00 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.103 s (1001 pts)</div></div><div><div>Stop 25.00 GHz</div><div>Sense:INT</div><div>Align: AUTO</div><div>06:28:36 PM May 14, 2018</div><div>TRACE 1 1 1 1 1 TYPE M INWWW DET P INWWW</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div>			
3GHz~25GHz			

Test Mode:	802.11n HT20	Test channel :	01
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div><div>Display Line -14.94 dBm</div><div>Ref 30.00 dBm</div><div>Mkr1 2.417 01 GHz 5.057 dBm</div><div>Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms (1001 pts)</div></div><div><div>10 dB/div</div><div>20.0</div><div>0.00</div><div>10.0</div><div>30.0</div><div>40.0</div><div>50.0</div><div>60.0</div></div><div><div>Span 30.00 MHz</div><div>Sweep 2.933 ms (1001 pts)</div></div></div><div><div>Display</div><div>Annotation></div><div>Title></div><div>Graticule On Off</div><div>Display Line -14.94 dBm On Off</div><div>System Display> Settings</div></div></div>			
Channel 01			
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div><div>Marker 1 2.6940900000000 GHz</div><div>Ref 30.00 dBm</div><div>Mkr1 2.694 1 GHz -45.400 dBm</div><div>Start 0.030 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts)</div></div><div><div>10 dB/div</div><div>20.0</div><div>0.00</div><div>10.0</div><div>30.0</div><div>40.0</div><div>50.0</div><div>60.0</div></div><div><div>Stop 3.000 GHz</div><div>Sweep 283.9 ms (1001 pts)</div></div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
30MHz ~3GHz			
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div><div>Marker 1 21.3920000000000 GHz</div><div>Ref 30.00 dBm</div><div>Mkr1 21.392 GHz -37.819 dBm</div><div>Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts)</div></div><div><div>10 dB/div</div><div>20.0</div><div>0.00</div><div>10.0</div><div>30.0</div><div>40.0</div><div>50.0</div><div>60.0</div></div><div><div>Stop 25.00 GHz</div><div>Sweep 2.103 s (1001 pts)</div></div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
3GHz~25GHz			

Test Mode:	802.11n HT20	Test channel :	06
			
Channel 06			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT20	Test channel :	11
			
Channel 11			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT40	Test channel :	03
			
Channel 03			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT40	Test channel :	06
			
Channel 06			
			
30MHz ~3GHz			
			
3GHz~25GHz			

Test Mode:	802.11n HT40	Test channel :	09
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div>Display Line -20.75 dBm</div><div>10 dB/div</div><div>Ref 30.00 dBm</div><div>Mkr1 2.45578 GHz -0.754 dBm</div><div>Center 2.45200 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 5.800 ms (1001 pts)</div><div>STATUS</div></div><div><div>Display</div><div>Annotation</div><div>Title</div><div>Graticule On</div><div>Display Line -20.75 dBm On</div><div>System Display</div><div>Settings</div></div></div>			
Channel 09			
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div>Marker 1 2.714880000000 GHz</div><div>10 dB/div</div><div>Ref 30.00 dBm</div><div>Mkr1 2.7149 GHz -44.972 dBm</div><div>Start 0.030 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 283.9 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
30MHz ~3GHz			
<div><div><div>Keysight Spectrum Analyzer - Swept SA</div><div>Marker 1 24.912000000000 GHz</div><div>10 dB/div</div><div>Ref 30.00 dBm</div><div>Mkr1 24.912 GHz -38.181 dBm</div><div>Start 3.00 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.103 s (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
3GHz~25GHz			

4.8. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 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.

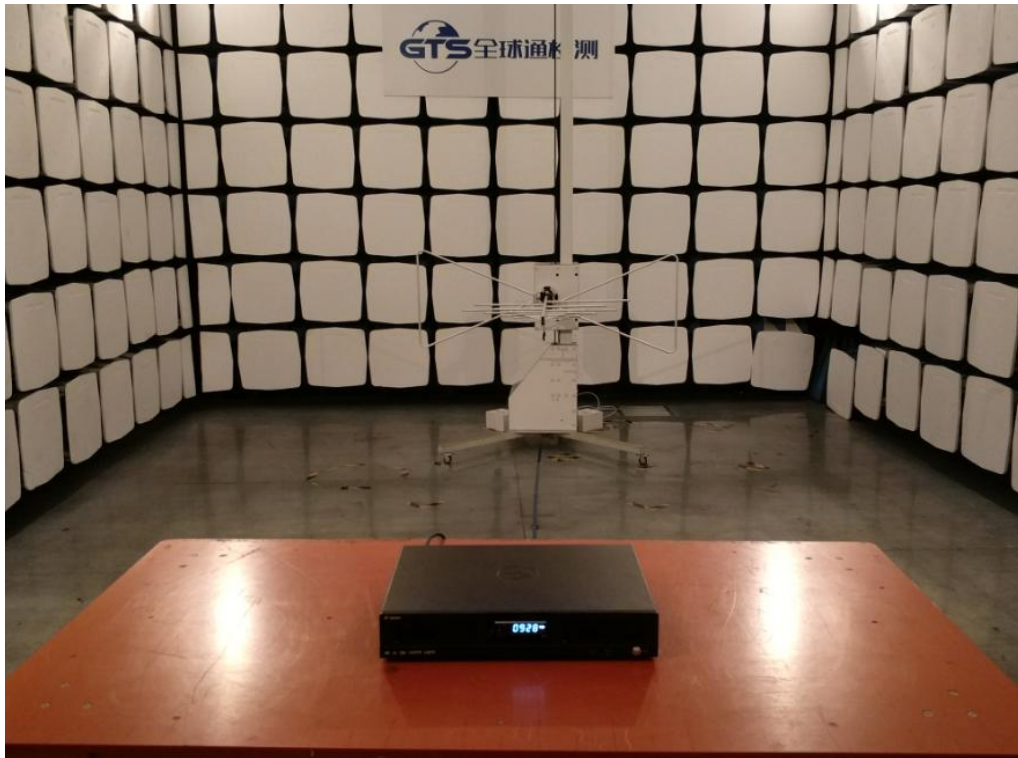
And according to FCC 47 CFR Section 15.247 (c), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Test Result

The antenna used for this product is external Antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 0.83dBi.

5. Test Setup Photos of the EUT

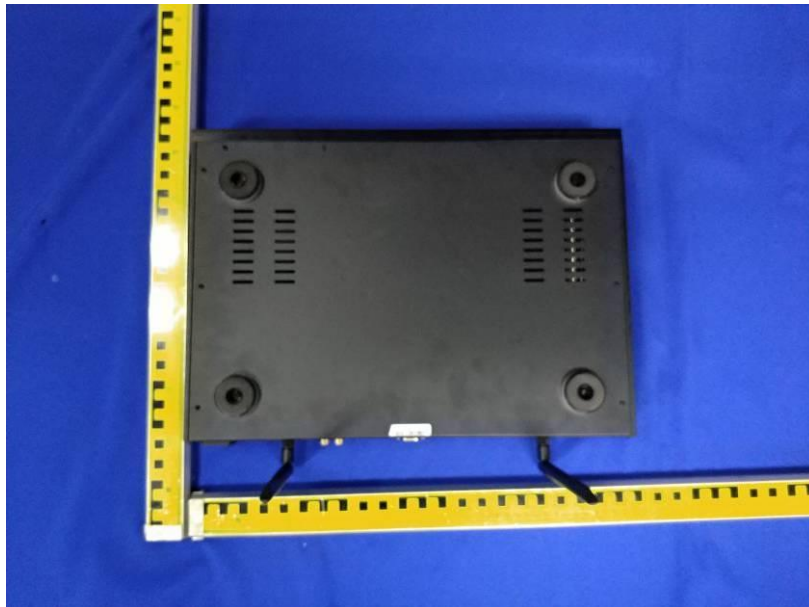
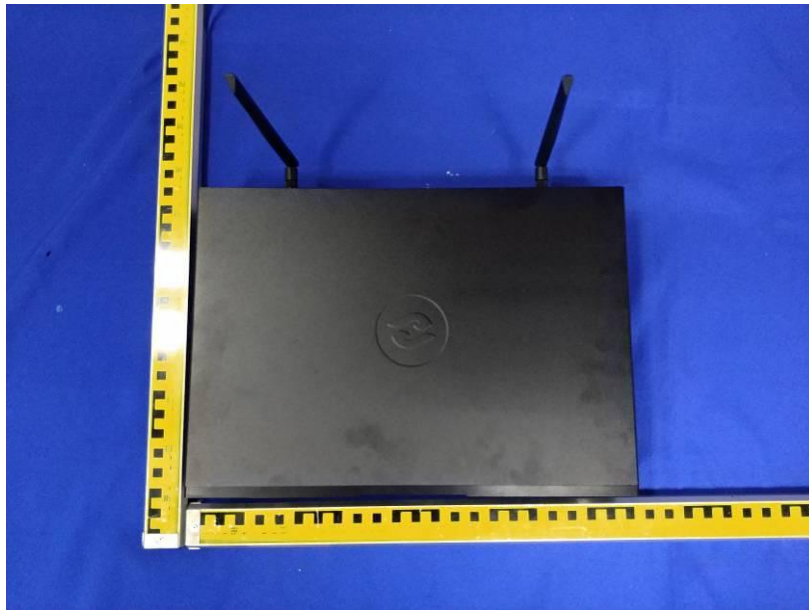
Radiated Emission Test



Conducted Emission

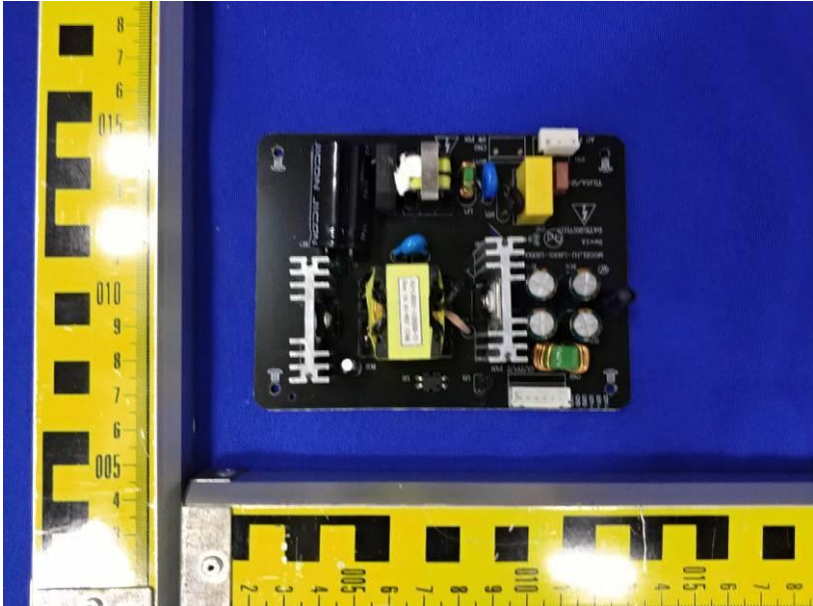
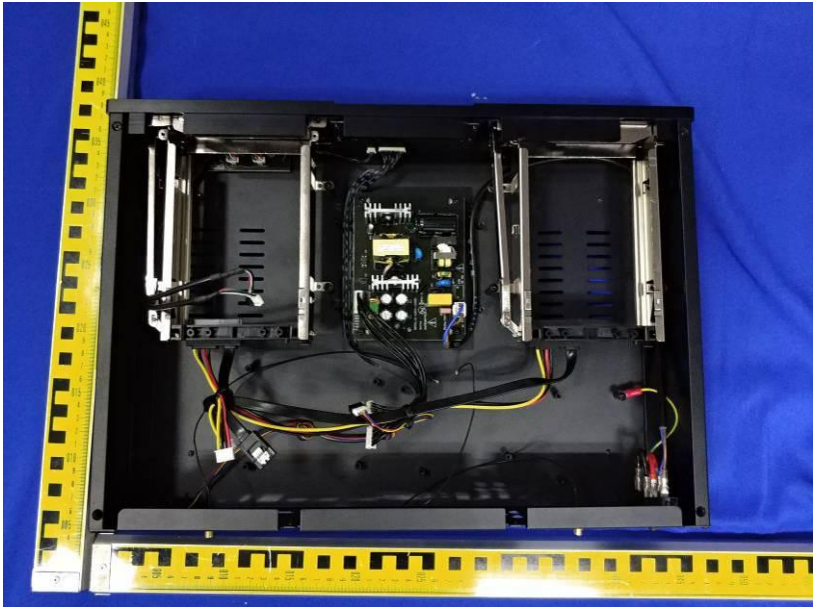


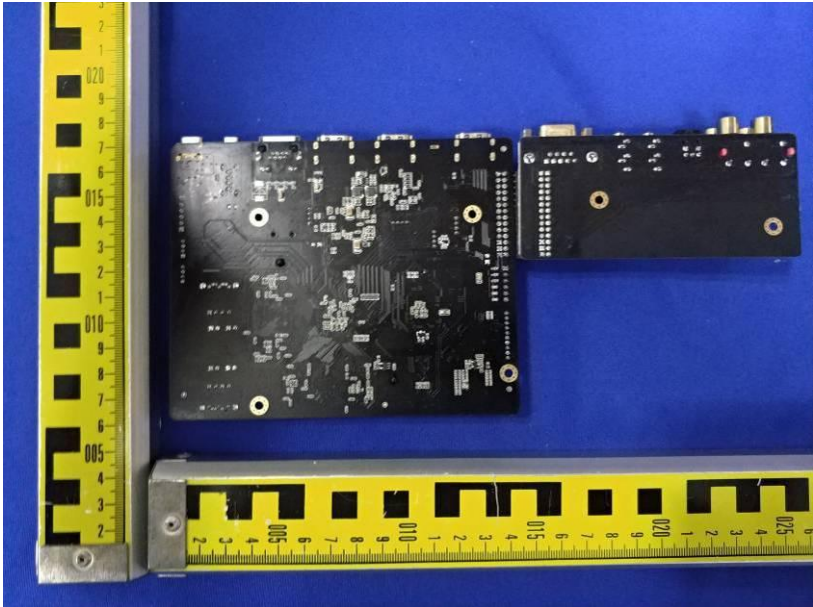
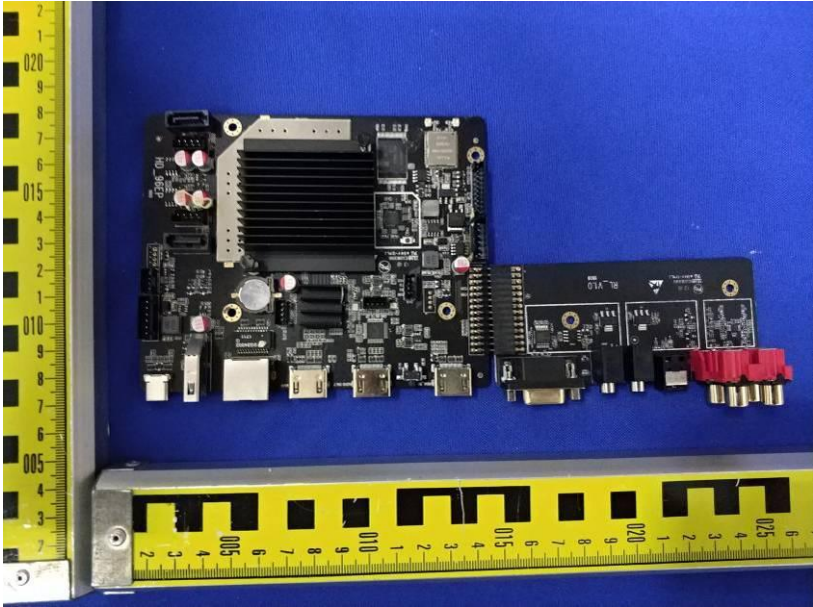
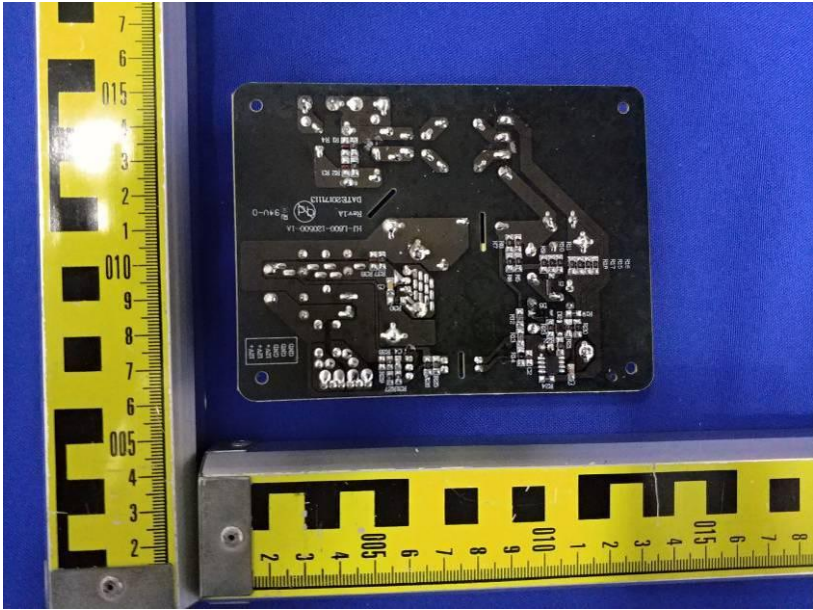
6. External and Internal Photos of the EUT



wifi Antenna







.....End of Report.....