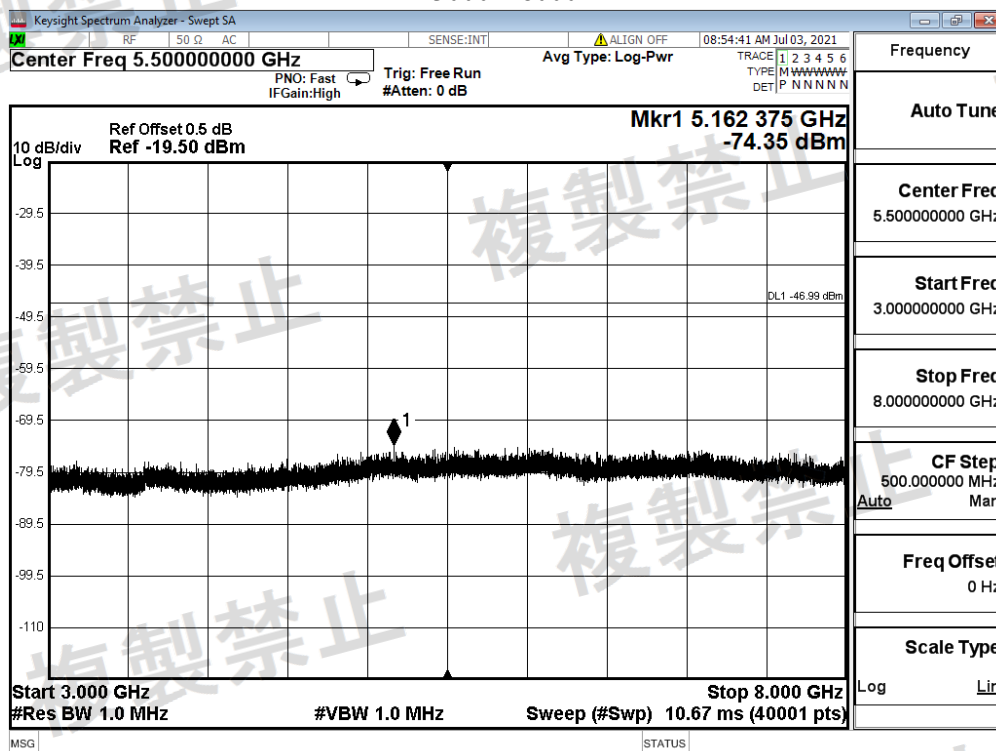
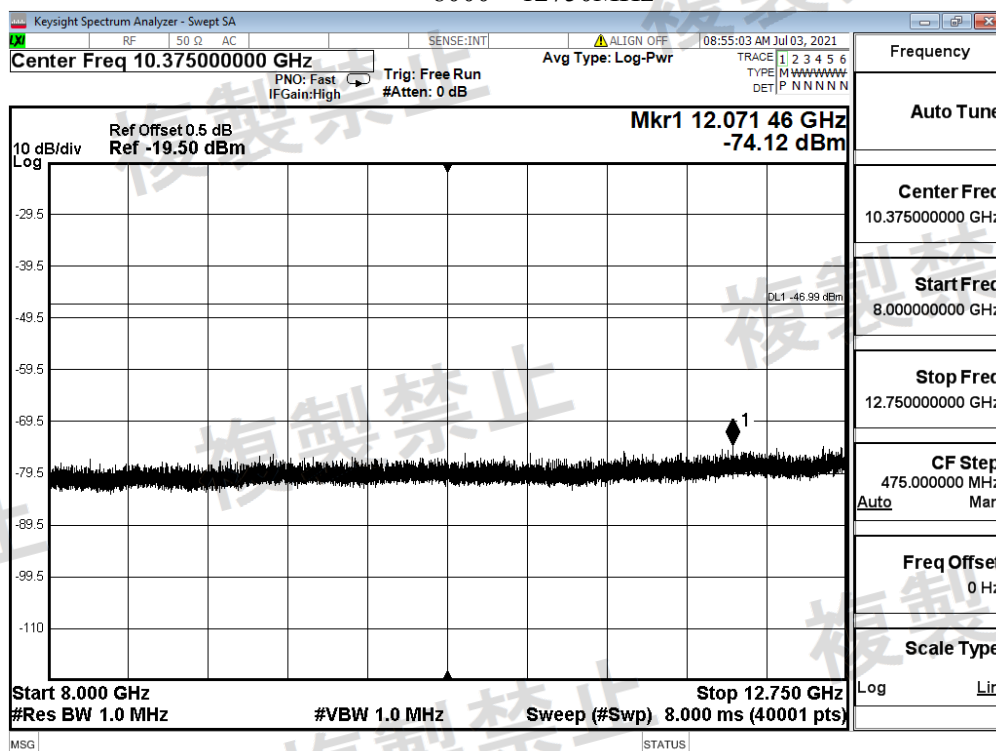


## 3000 – 8000MHz



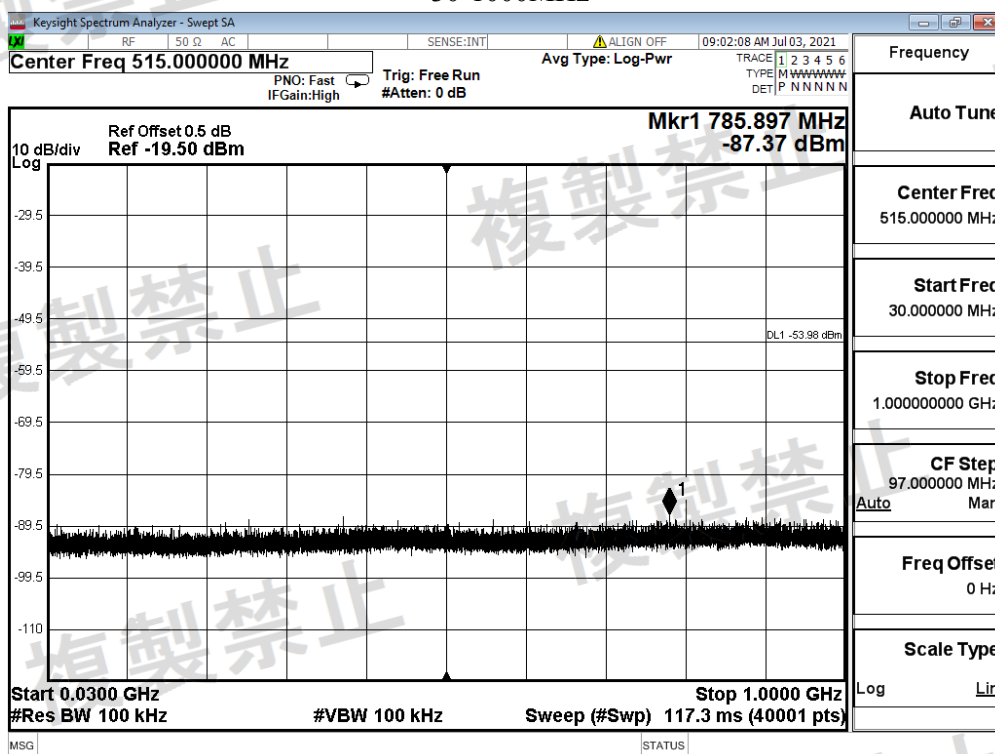
## 8000 – 12750MHz



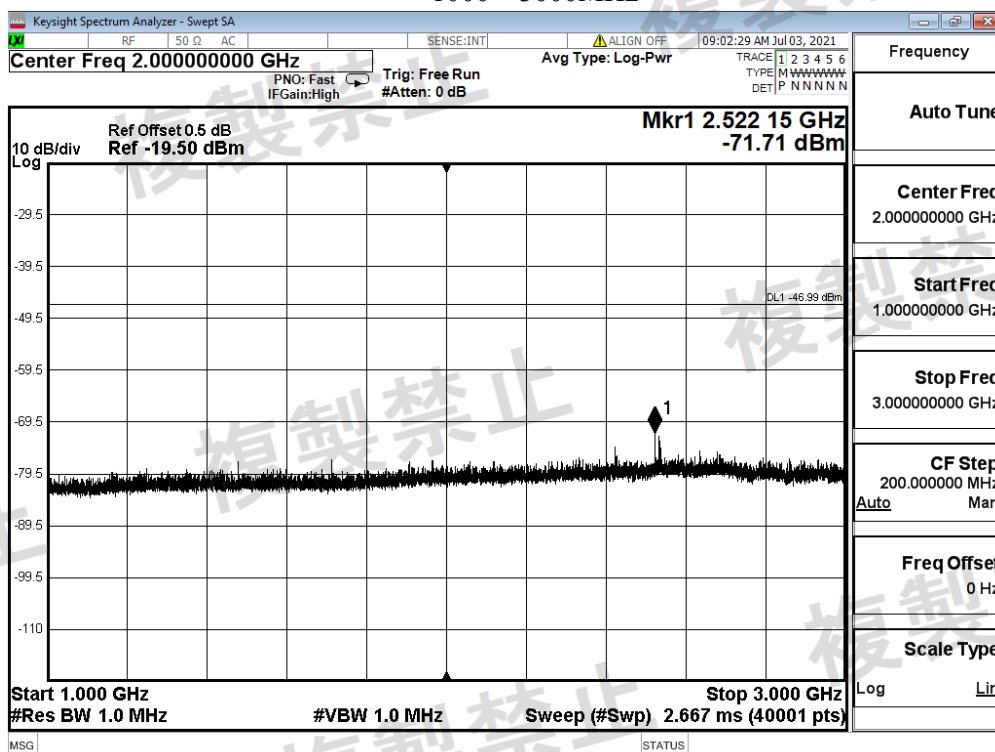
Product : Dash cam  
Test Item : Receiver Spurious Emissions  
Test Mode : Mode 2: Receiver (802.11ac40 15Mbps) 2422MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-87.37	-54 (4nW)
1000 – 3000	-71.71	-47 (20nW)
3000 – 8000	-73.63	-47 (20nW)
8000 – 12750	-73.94	-47 (20nW)

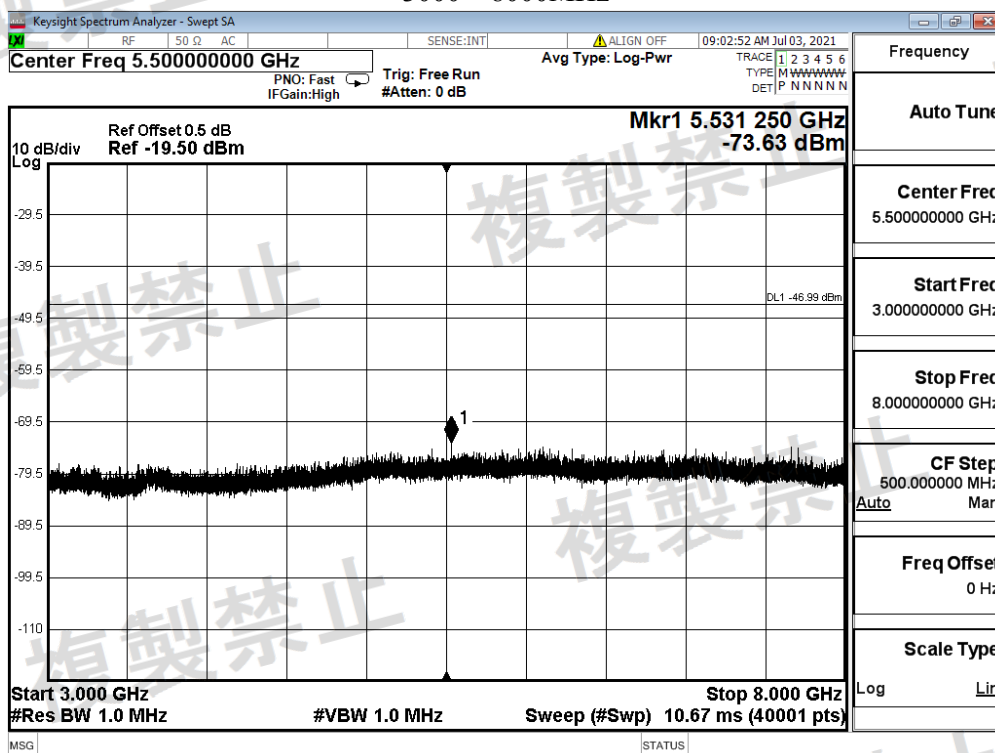
## 30-1000MHz



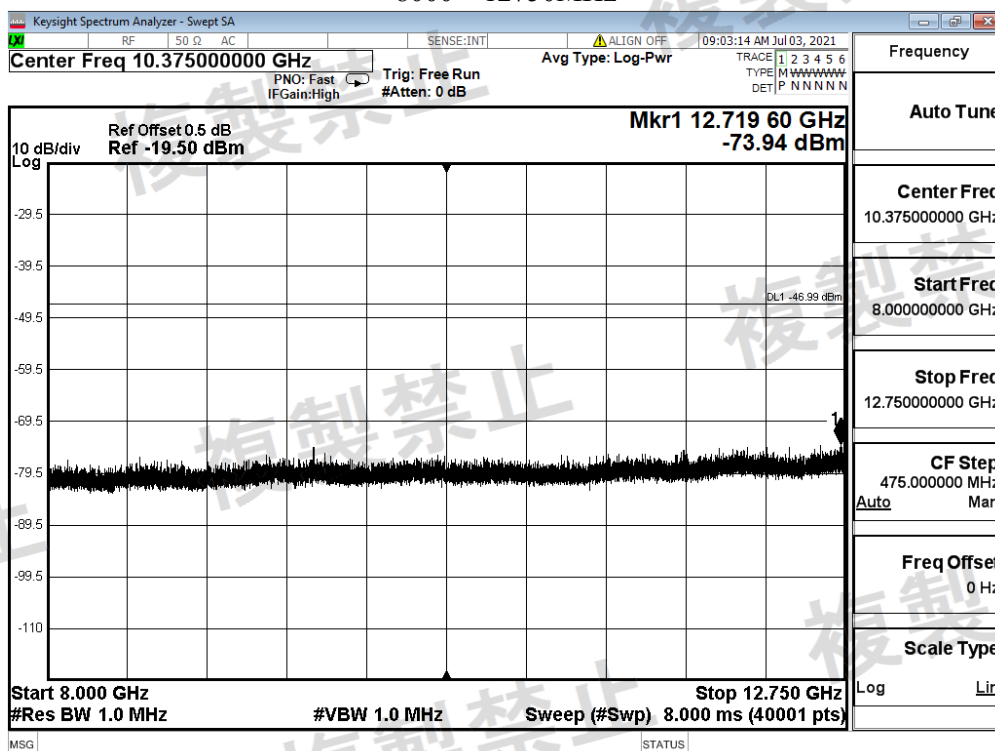
## 1000 – 3000MHz



3000 – 8000MHz



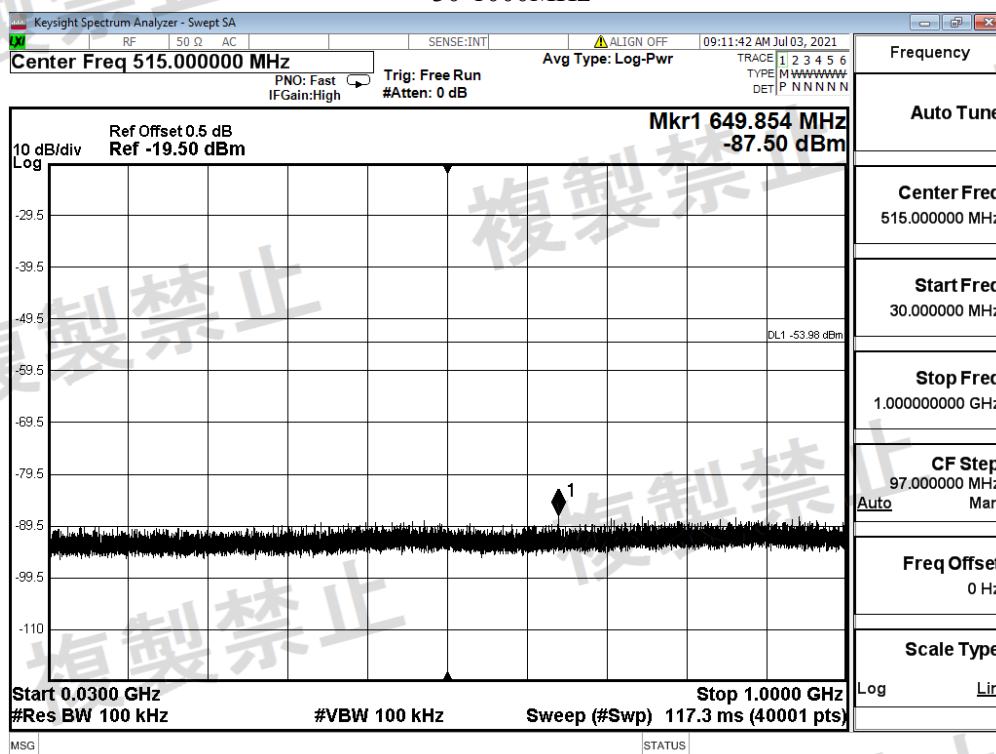
8000 – 12750MHz



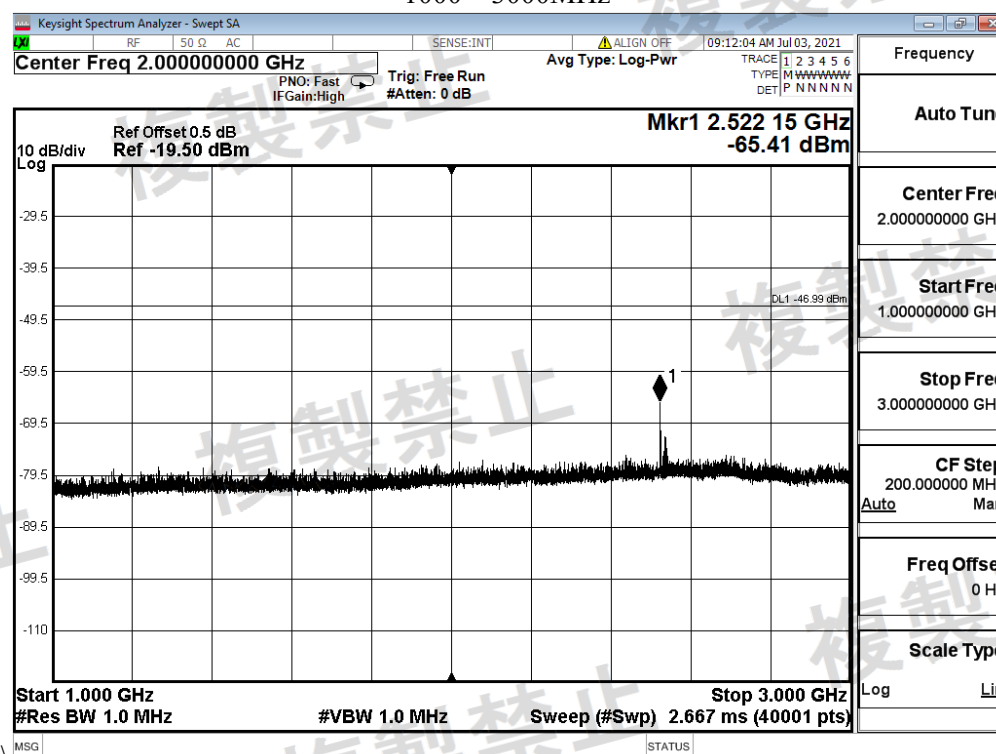
Product : Dash cam  
Test Item : Receiver Spurious Emissions  
Test Mode : Mode 2: Receiver (802.11ac40 15Mbps) 2437MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-87.5	-54 (4nW)
1000 – 3000	-65.41	-47 (20nW)
3000 – 8000	-74.51	-47 (20nW)
8000 – 12750	-73.32	-47 (20nW)

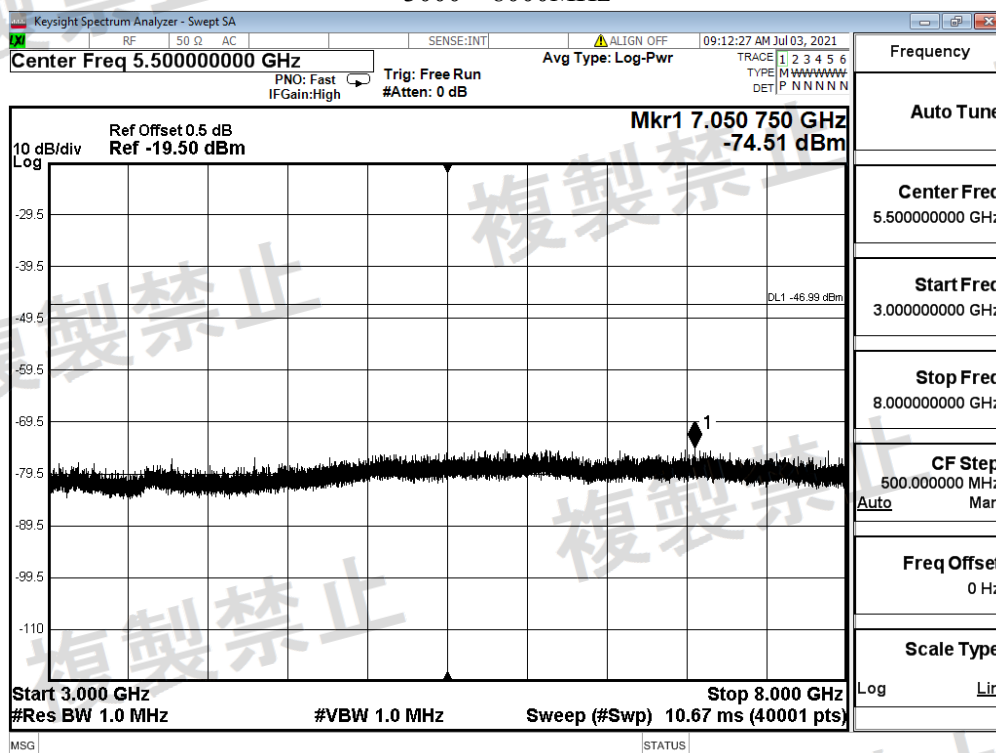
## 30-1000MHz



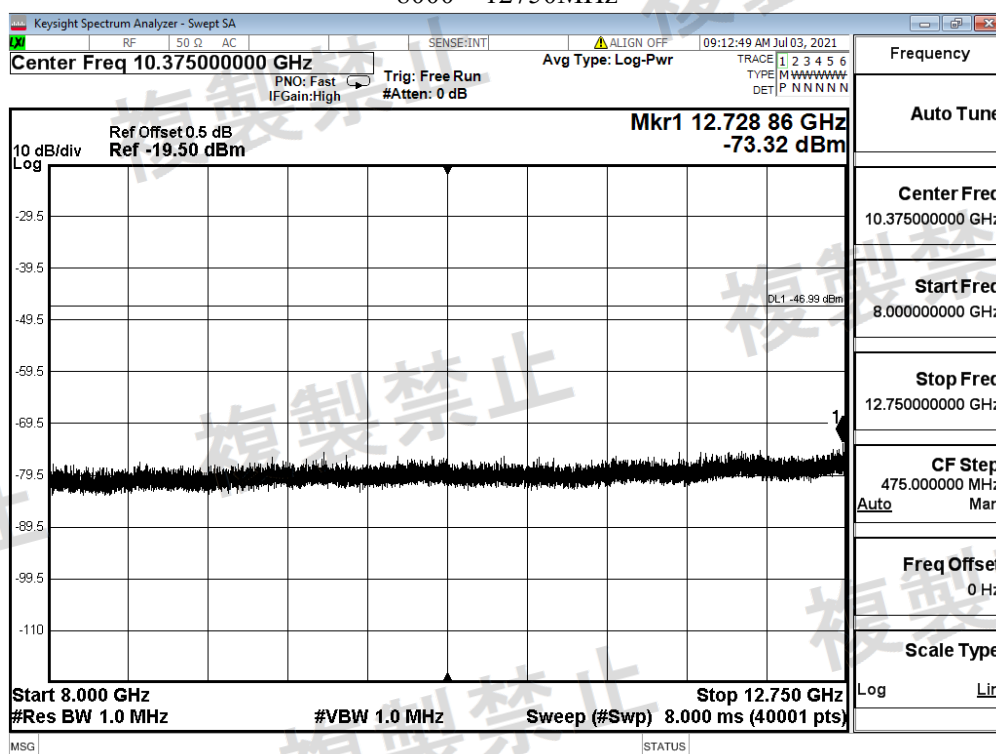
## 1000 – 3000MHz



3000 – 8000MHz



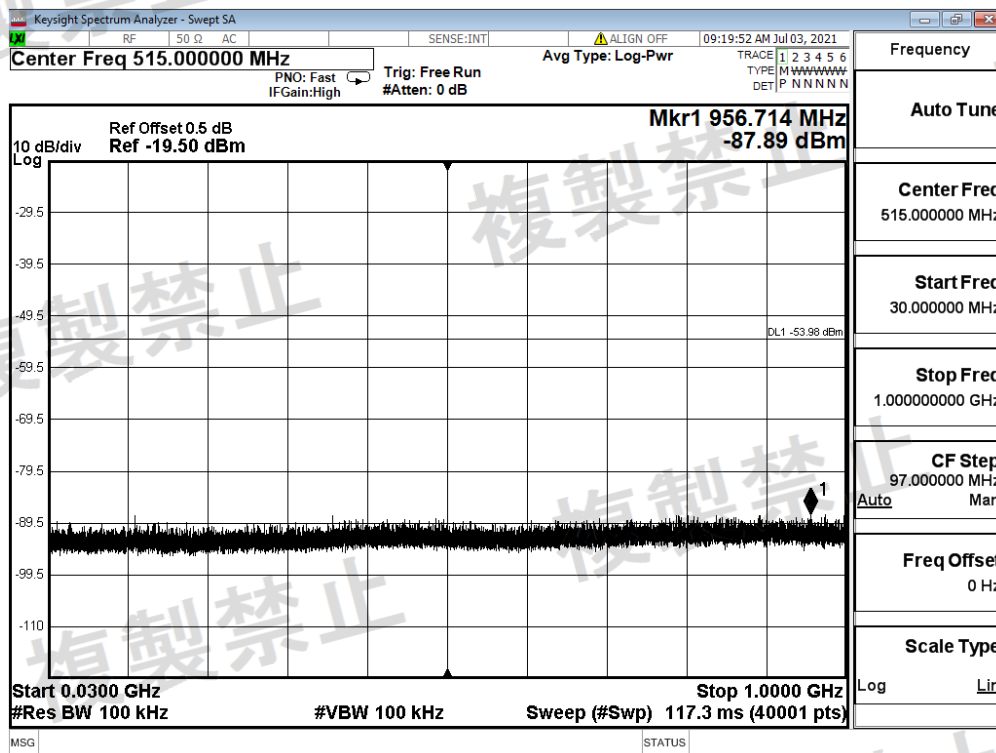
8000 – 12750MHz



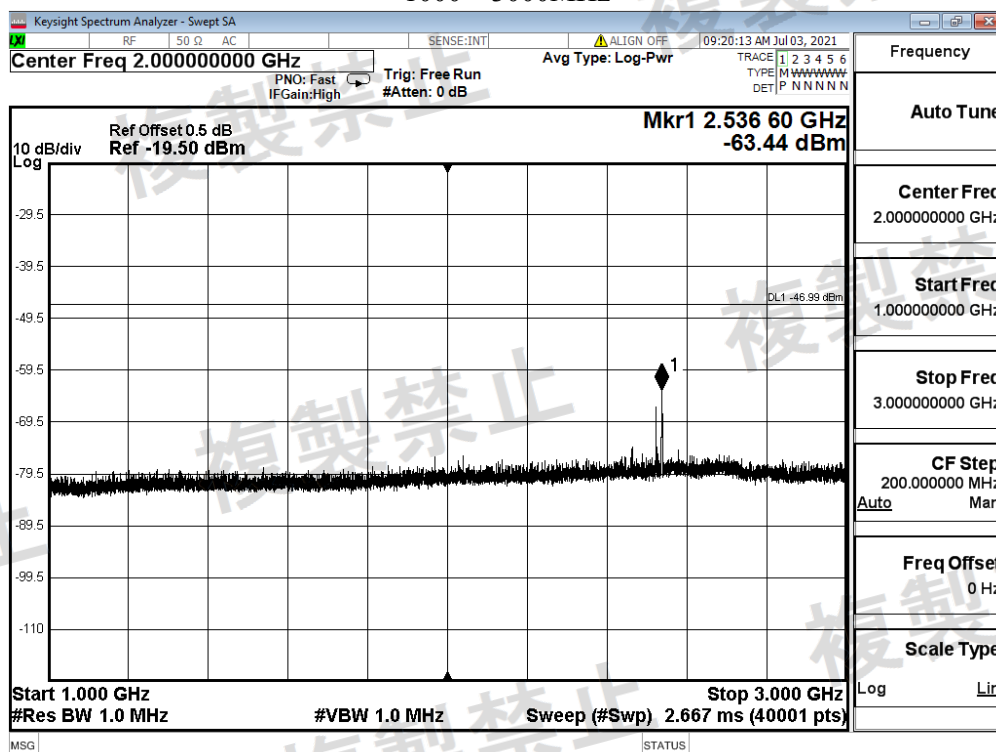
Product : Dash cam  
Test Item : Receiver Spurious Emissions  
Test Mode : Mode 2: Receiver (802.11ac40 15Mbps) 2462MHz

Frequency Range (MHz)	Reading Value (dBm)	Limit (dBm)
30-1000	-87.89	-54 (4nW)
1000 – 3000	-63.44	-47 (20nW)
3000 – 8000	-74.3	-47 (20nW)
8000 – 12750	-73.83	-47 (20nW)

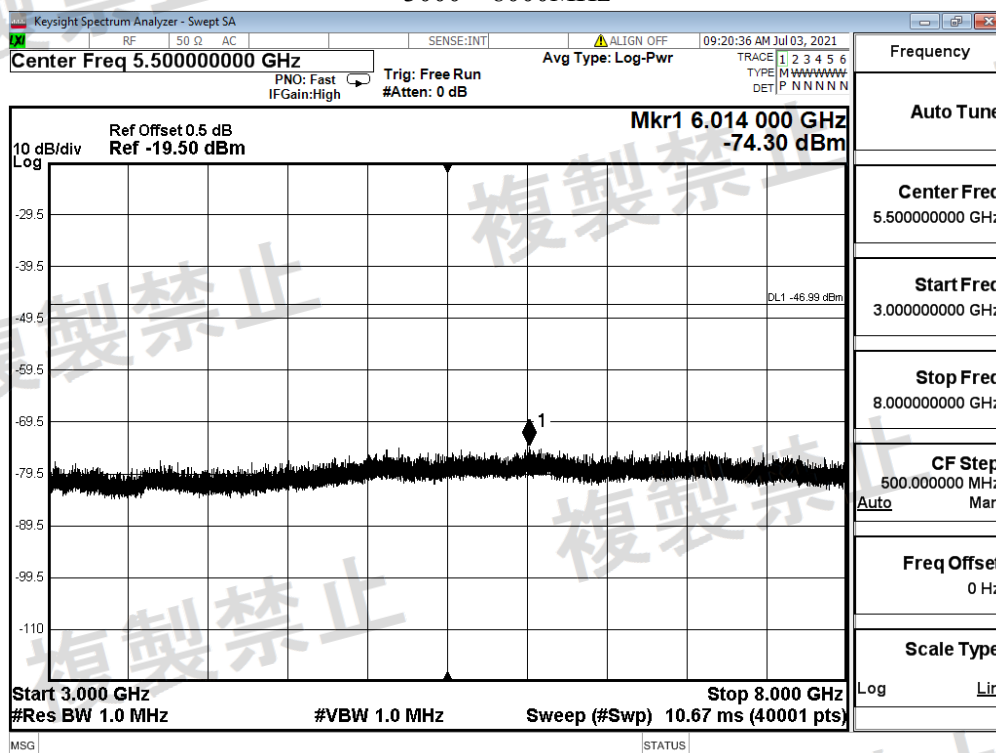
## 30-1000MHz



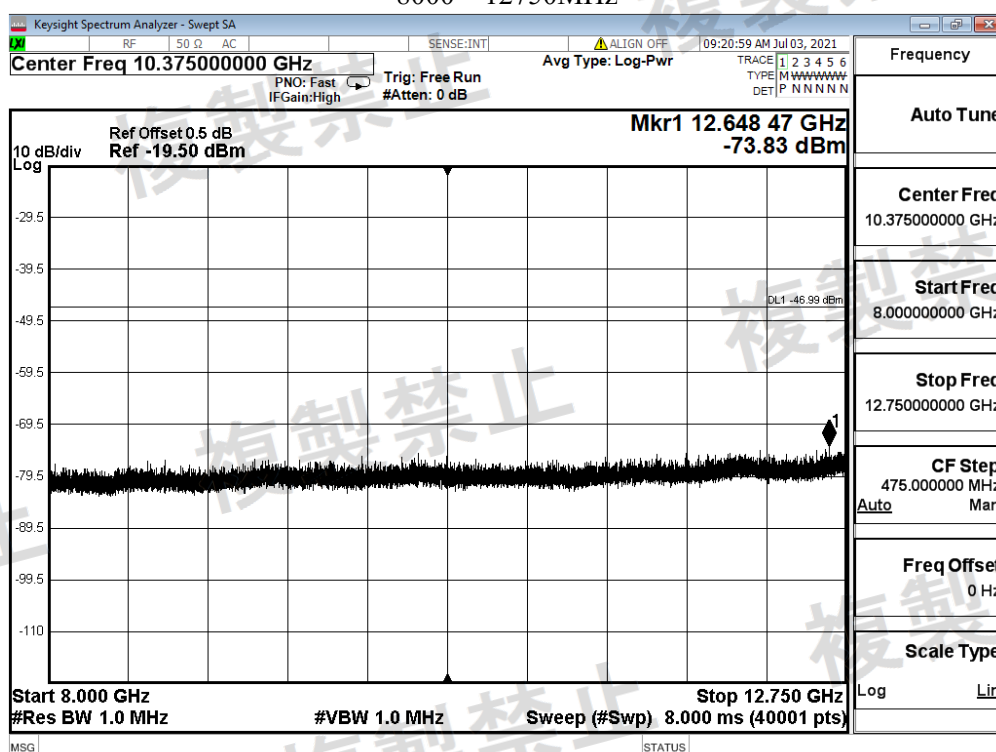
## 1000 – 3000MHz



3000 – 8000MHz



8000 – 12750MHz

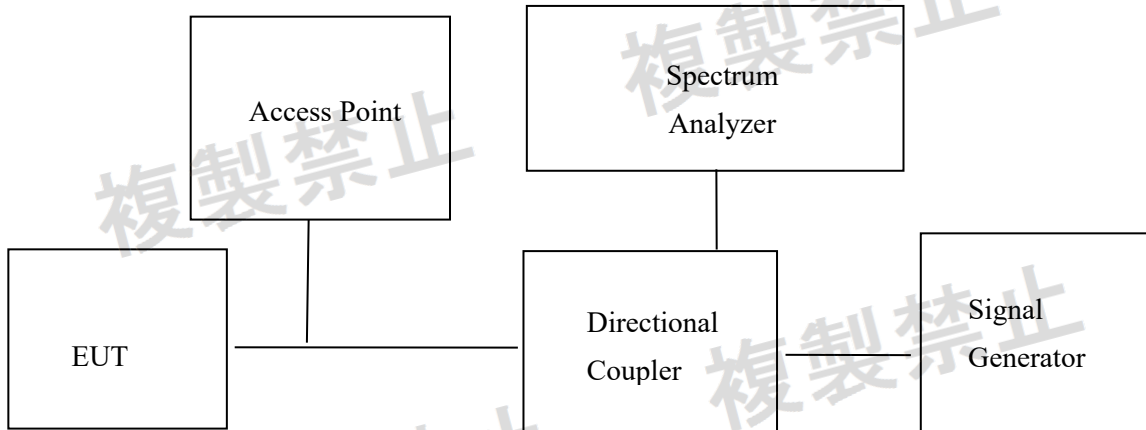


Test Result

PASS

## 8. Carrier Sensing

### 8.1. Test Setup



### 8.2. Test Procedure

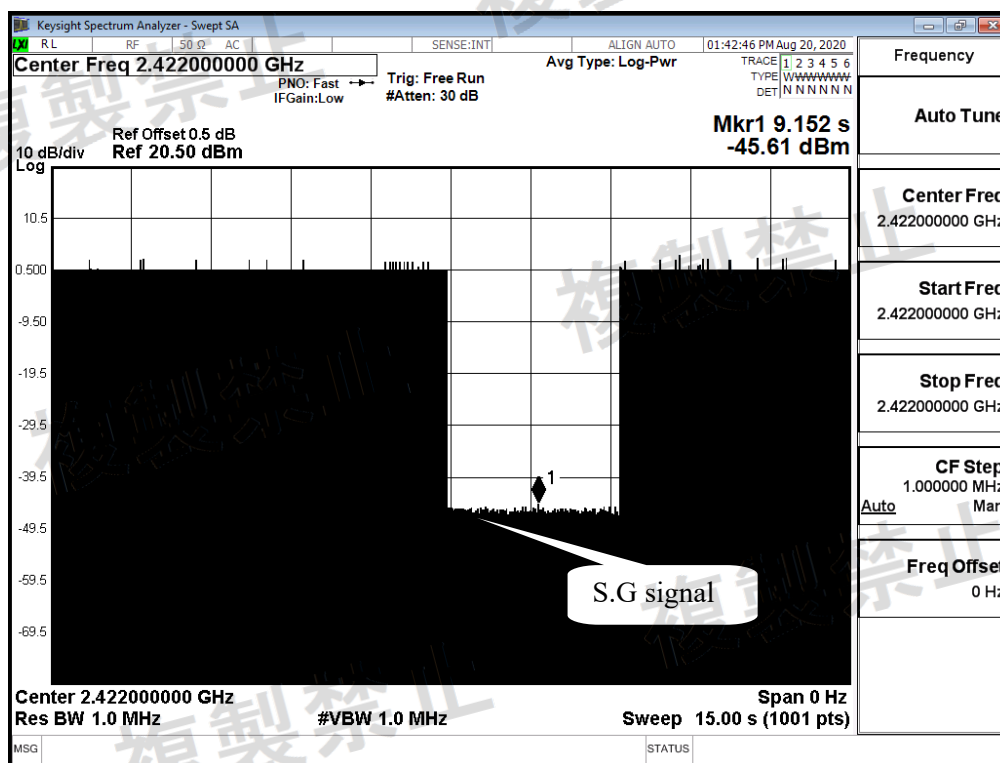
- Link EUT and Access Point to Directional Coupler input port.
- Link Signal Generator and Spectrum Analyzer to test port and output port in the Directional Coupler separately.
- A positive Peak Detector function in Spectrum Analyzer must be used.
- Set the Span to Zero.
- Press the Signal Generator on and it will output the Carrier Signal. When the Link breaks off, wait a minute and press the Signal Generator off. After a while, reset the Link and done the test.

### 8.3. Limits

Stop transmission while Carrier detecting.

#### 8.4. Test Result of Carrier Sensing

Product : Dash cam  
 Test Item : Carrier Sensing  
 Test Mode : Mode 1: Transmitter (802.11ac40 15Mbps) (2422MHz)



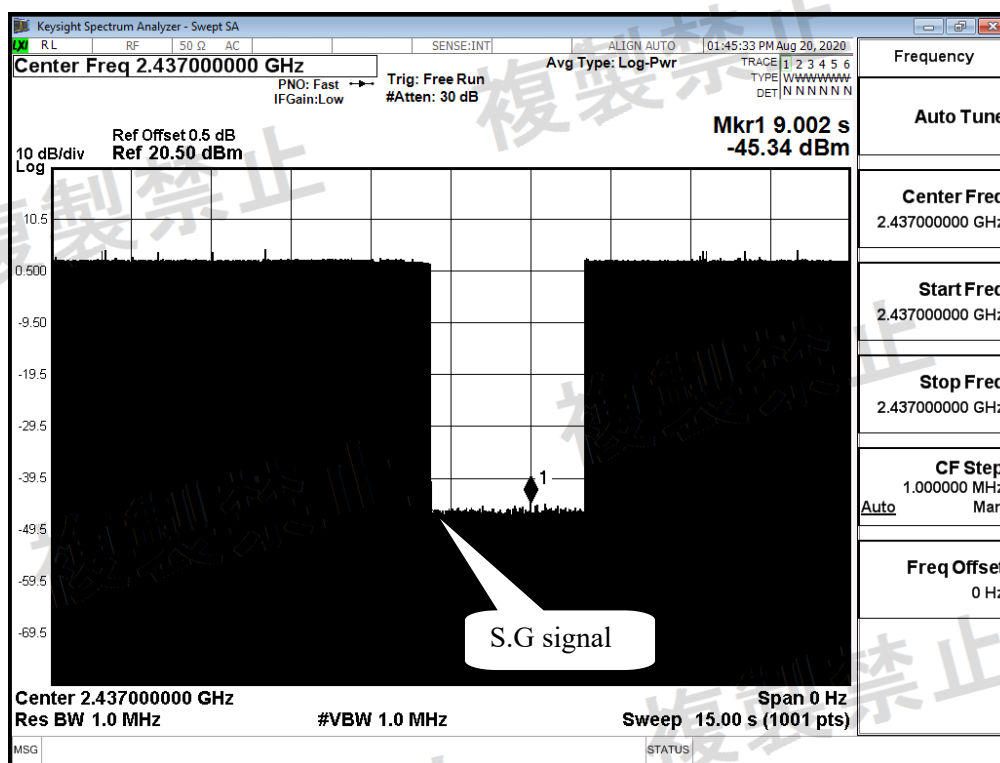
Signal Generator Power Level (dBm) =  $22.79 + G - 20\log(F)$

G: Antenna Gain

F: operation frequency

Power level =  $22.79 + 0.10 - 20\log(2422\text{MHz}) = -44.79$

Product : Dash cam  
 Test Item : Carrier Sensing  
 Test Mode : Mode 1: Transmitter (802.11ac40 15Mbps) (2437MHz)



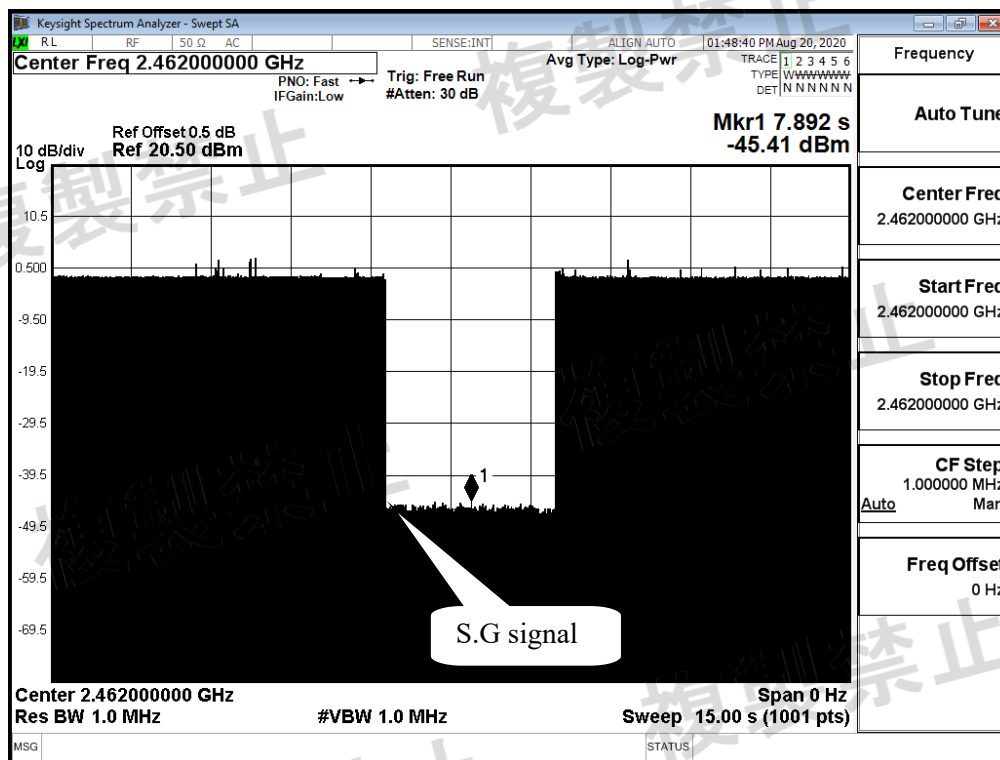
Signal Generator Power Level (dBm) =  $22.79 + G - 20\log(F)$

G: Antenna Gain

F: operation frequency

Power lever =  $22.79 + 0.10 - 20\log(2437\text{MHz}) = -44.85$

Product : Dash cam  
 Test Item : Carrier Sensing  
 Test Mode : Mode 1: Transmitter (802.11ac40 15Mbps) (2462MHz)



Signal Generator Power Level (dBm) =  $22.79 + G - 20\log(F)$

G: Antenna Gain

F: operation frequency

Power lever =  $22.79 + 0.10 - 20\log(2462\text{MHz}) = -44.94$

**9. EMI Reduction Method During Compliance Testing**

No modification was made during testing.