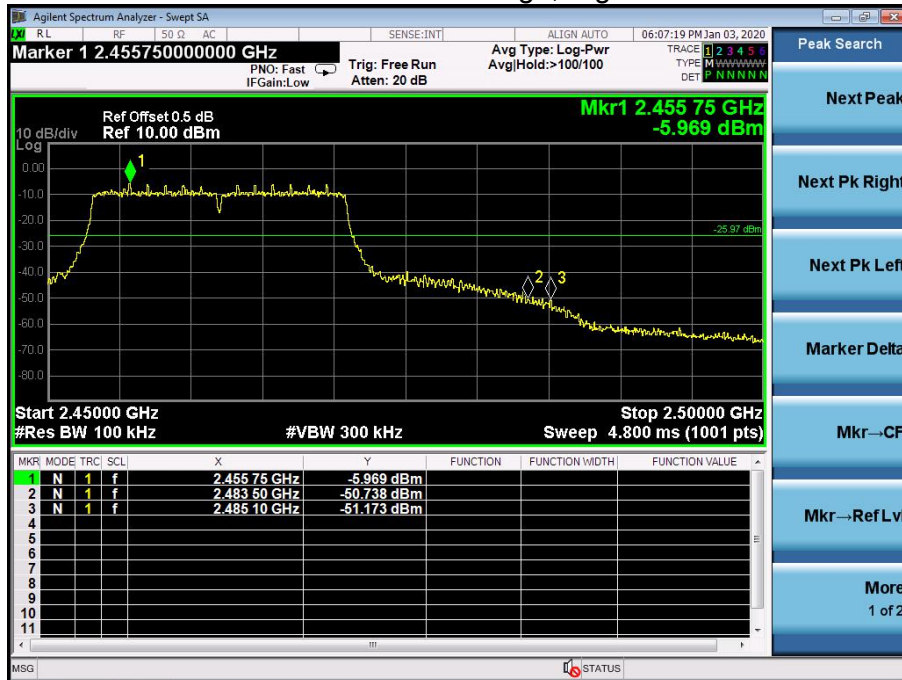


### 802.11n-HT20: Band Edge, Left Side



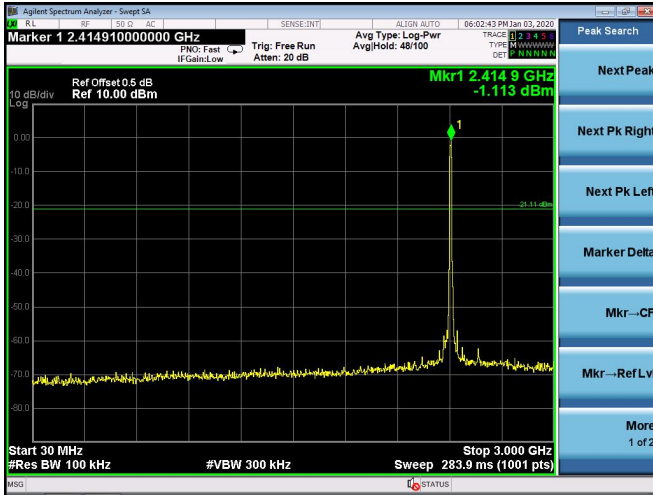
### 802.11n-HT20: Band Edge, Right Side



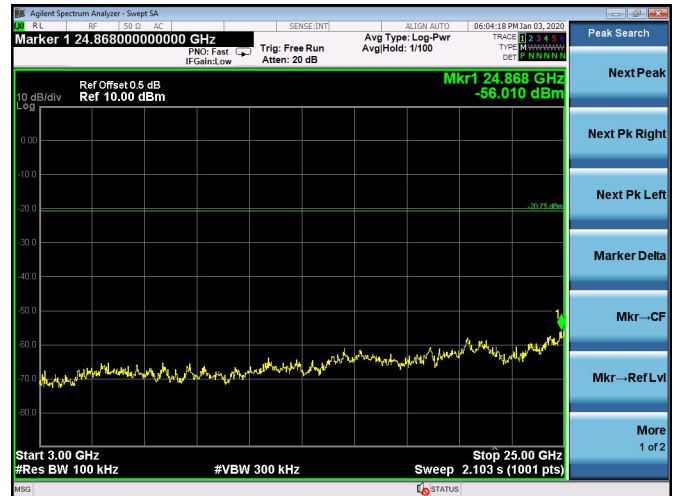
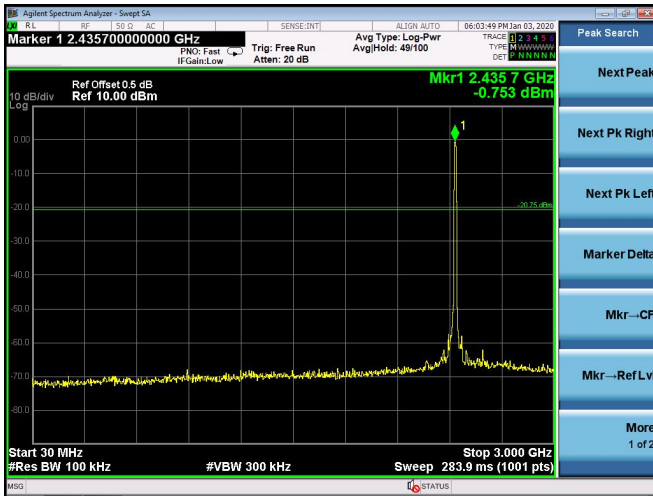
## CONDUCTED EMISSION MEASUREMENT

802.11b

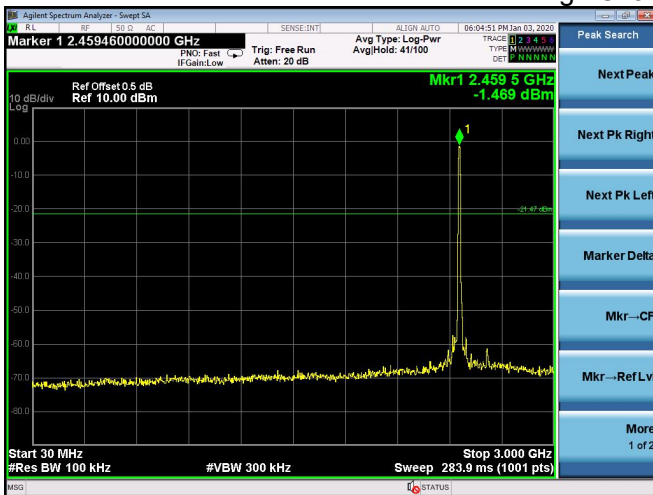
### Low Channel 2412MHz



### Middle Channel 2437MHz

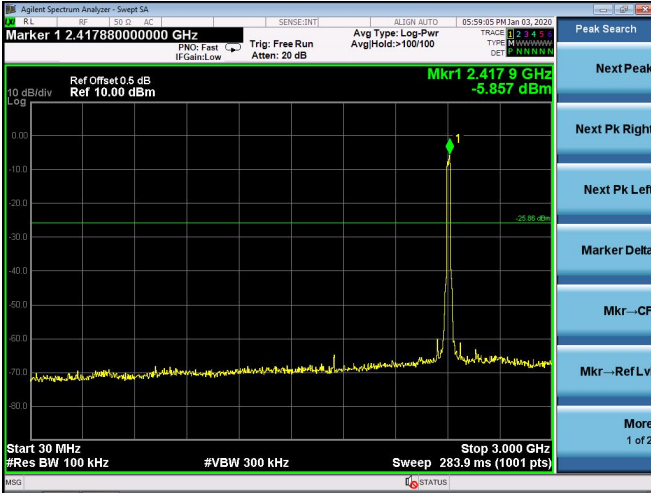


### High Channel 2462MHz

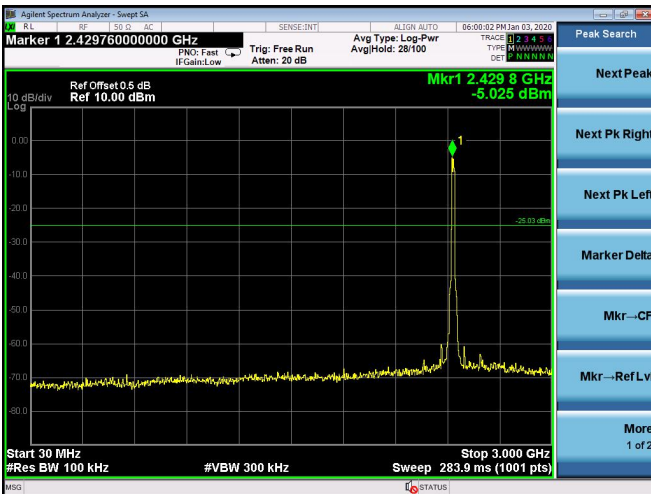


802.11g

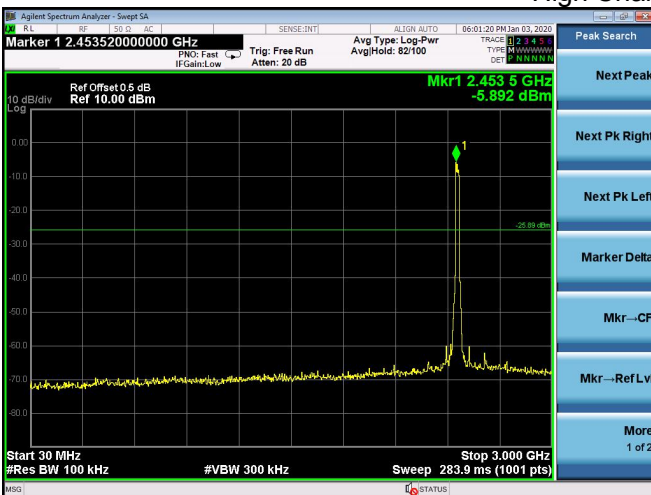
Low Channel 2412MHz



Middle Channel 2437MHz

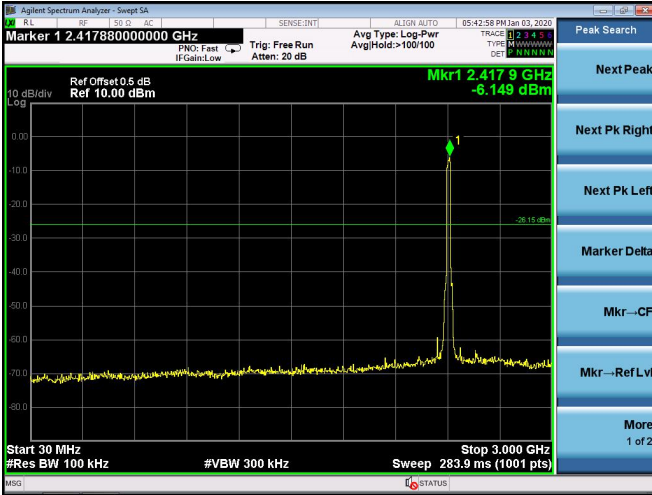


High Channel 2462MHz

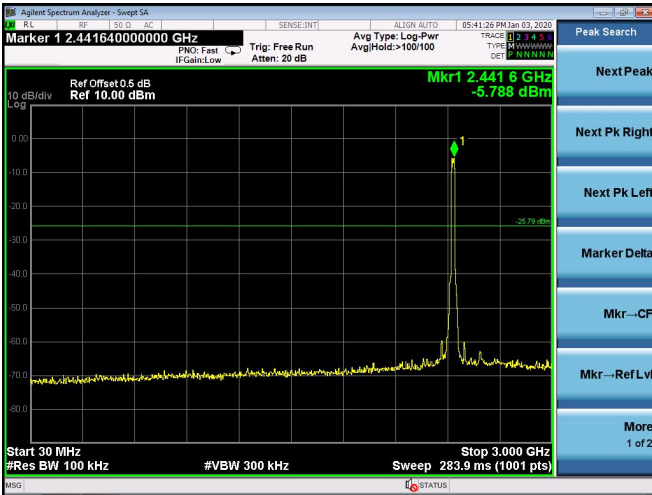


802.11n20

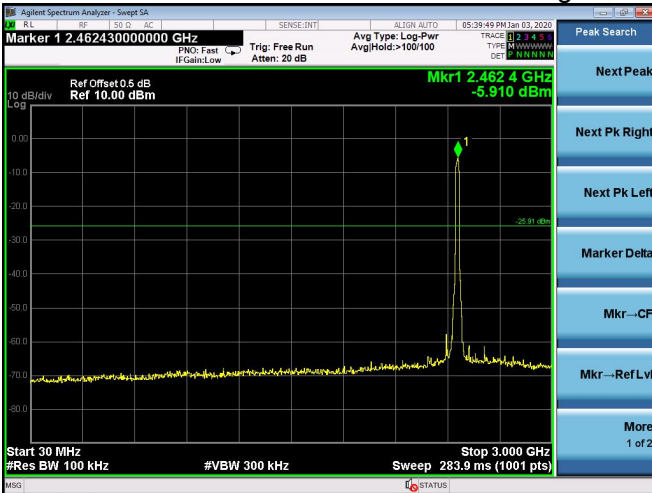
Low Channel 2412MHz



Middle Channel 2437MHz



High Channel 2462MHz



## 8. DUTY CYCLE OF TEST SIGNAL

### 8.1 STANDARD REQUIREMENT

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

### 8.2 FORMULA:

Duty Cycle =  $T_{on} / (T_{on} + T_{off})$

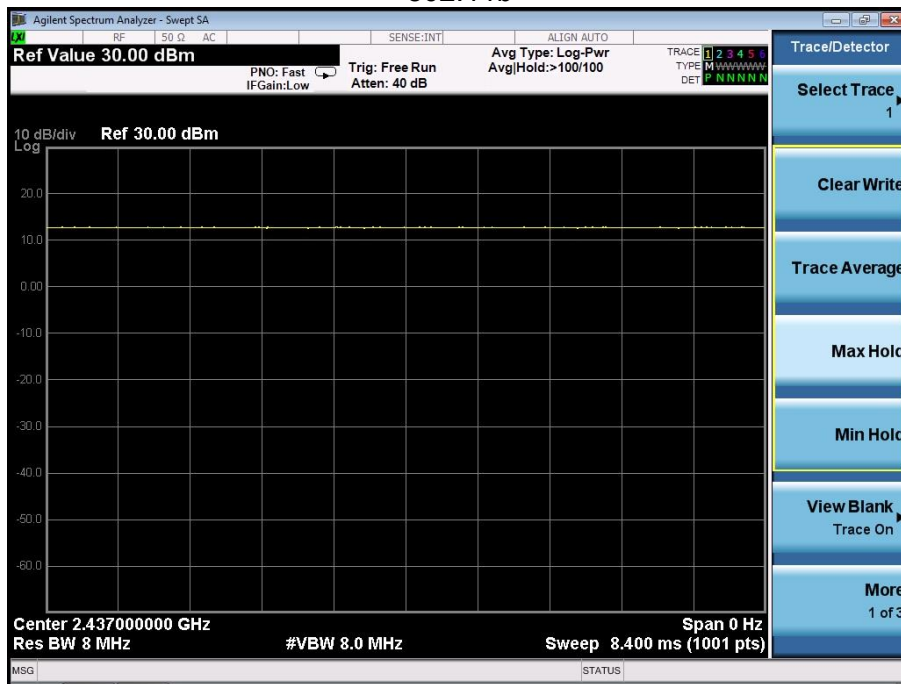
### Measurement Procedure:

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

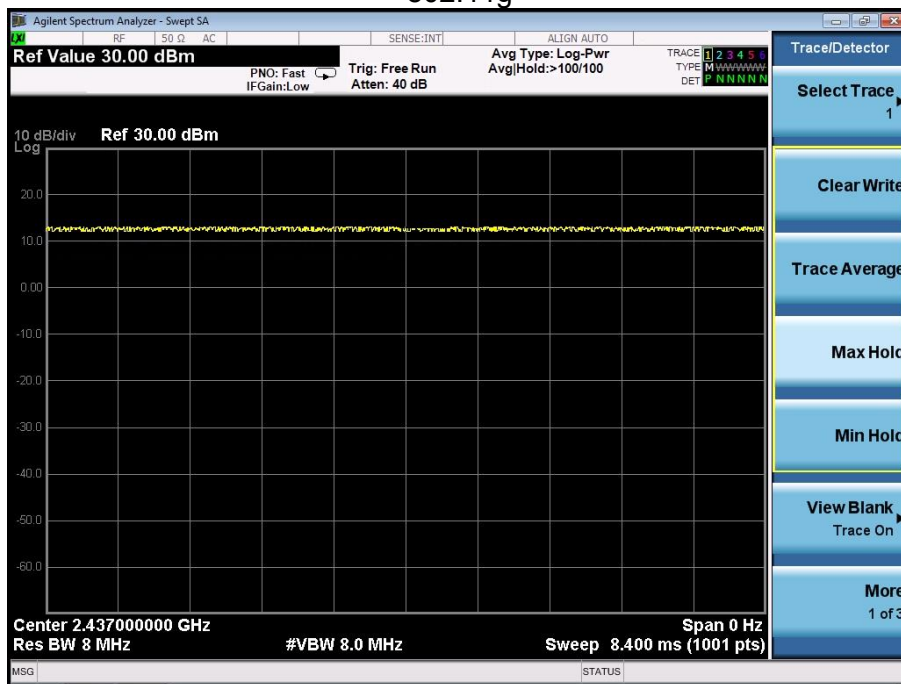
### Duty Cycle:

	Duty Cycle	Duty Fator (dB)
802.11b	1	0
802.11g	1	0
802.11n(HT20)	1	0

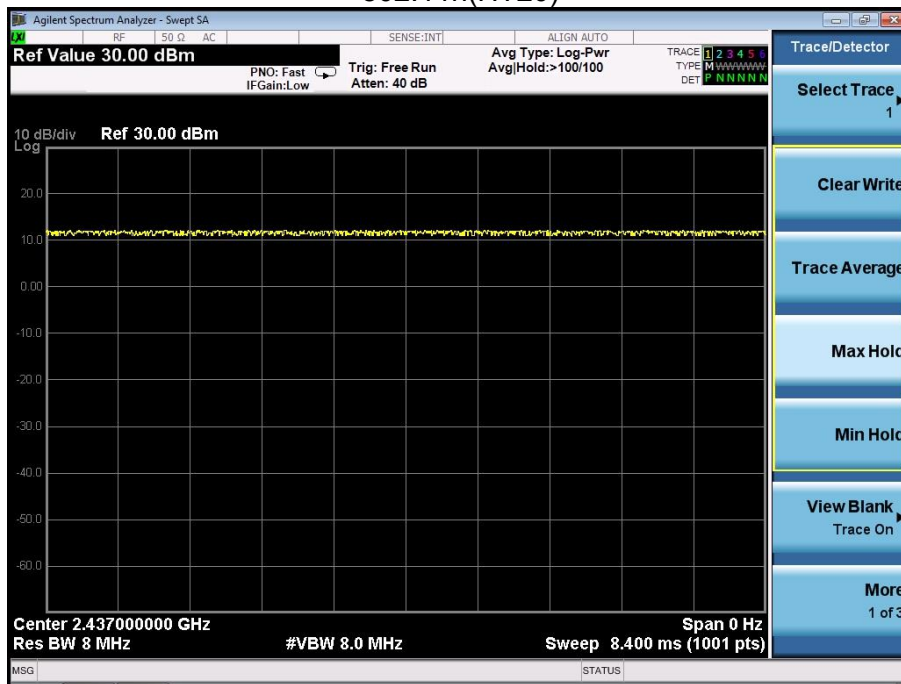
802.11b



802.11g



802.11n(HT20)



## 9. ANTENNA REQUIREMENT

### 9.1 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.

### 9.2 EUT ANTENNA

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

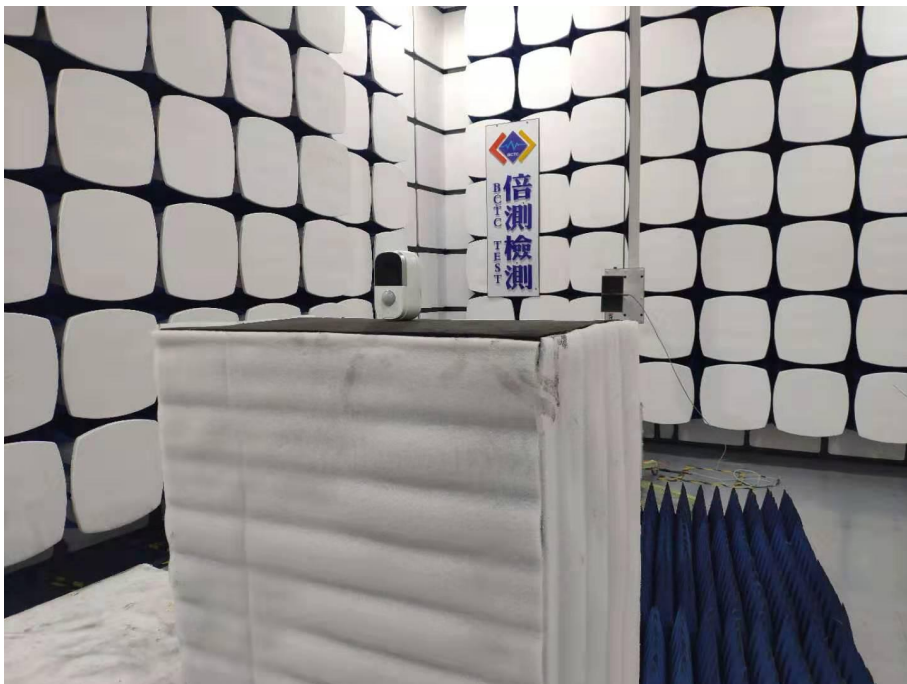


## 10. EUT TEST PHOTO

### Conducted Measurement Photos



### Radiated Measurement Photos



## 11. EUT PHOTO

EUT Photo 1



EUT Photo 2



\*\*\*\*\* END OF REPORT \*\*\*\*\*