



## 802.11b Modulation

### Lowest channel



### Middle channel



### Highest channel



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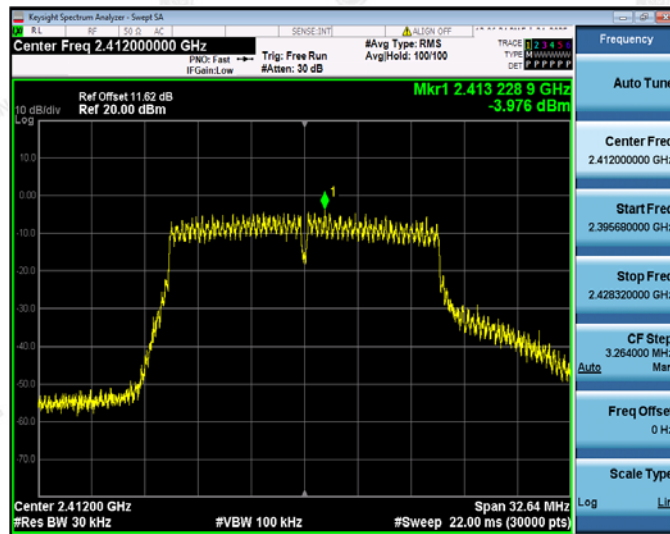
TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

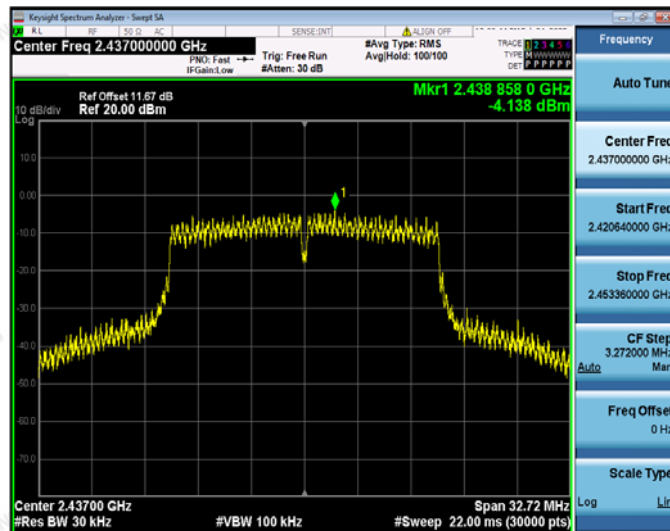


## 802.11g Modulation

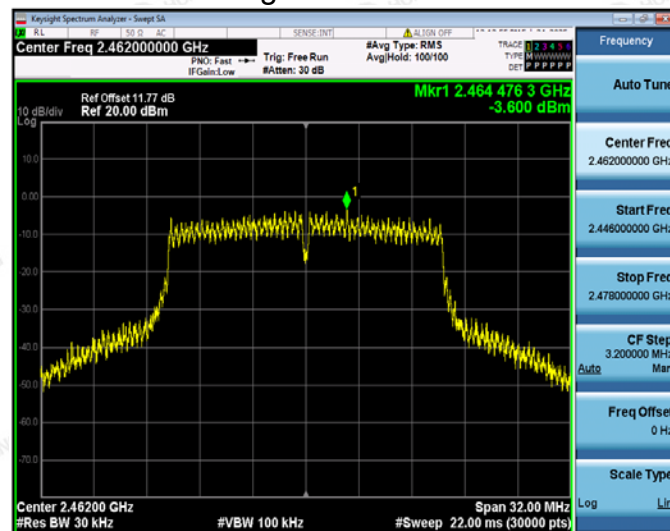
### Lowest channel



### Middle channel



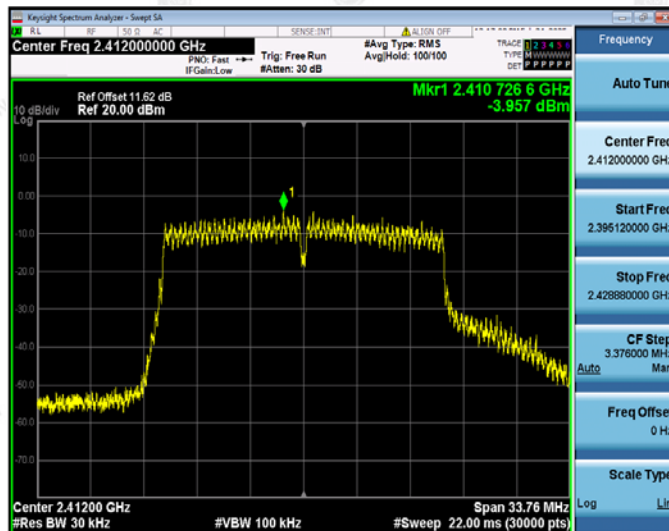
### Highest channel



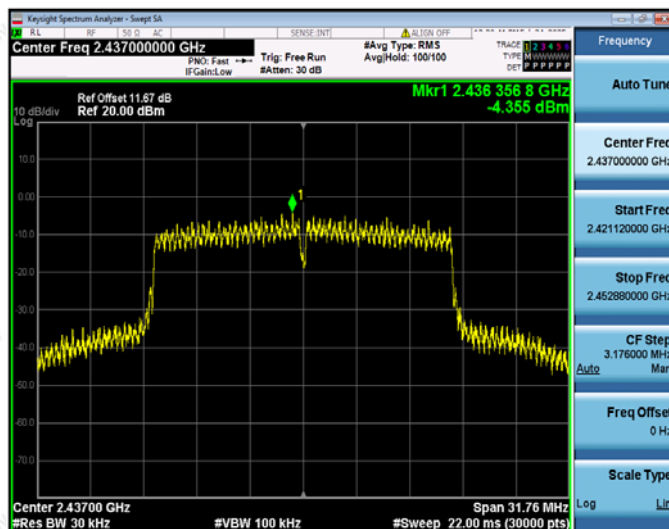


## 802.11n(HT20) Modulation

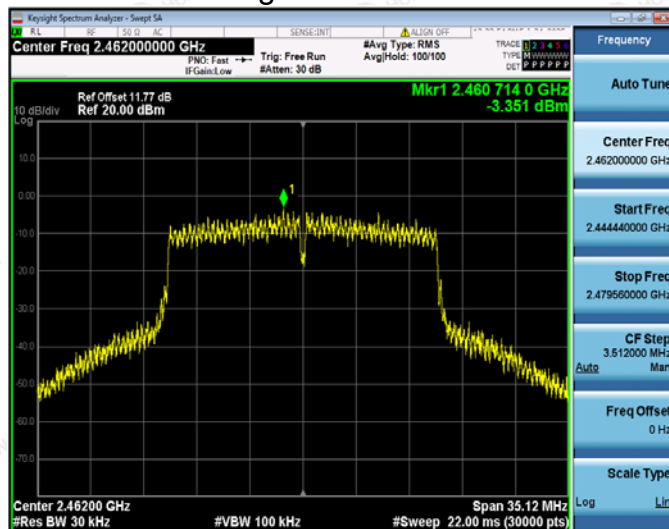
### Lowest channel



### Middle channel



### Highest channel

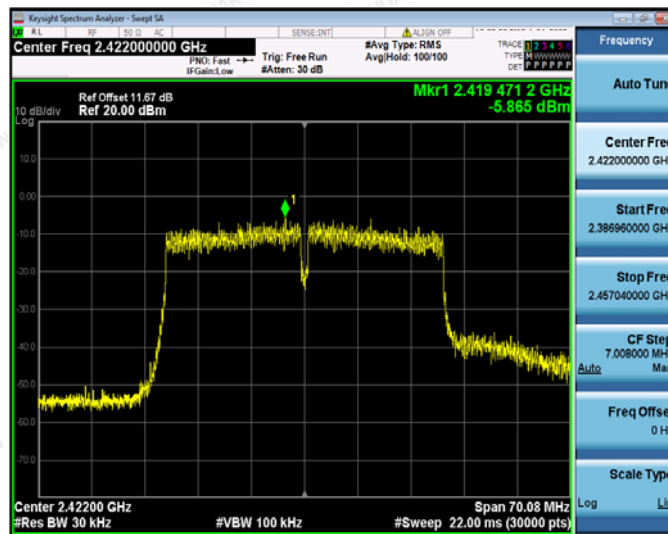




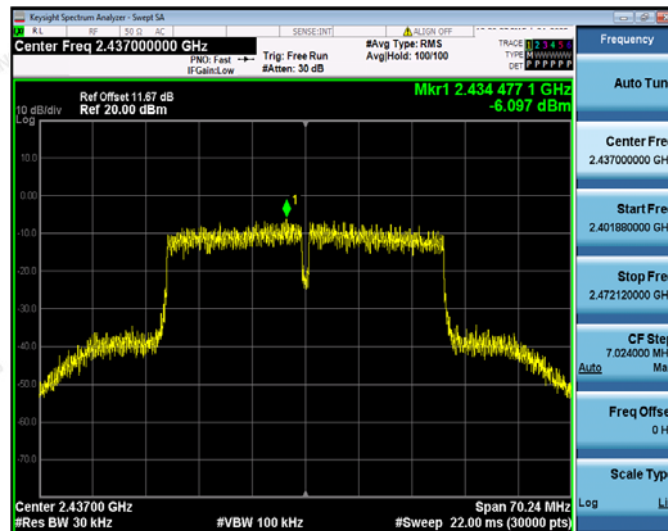


802.11n(HT40) Modulation

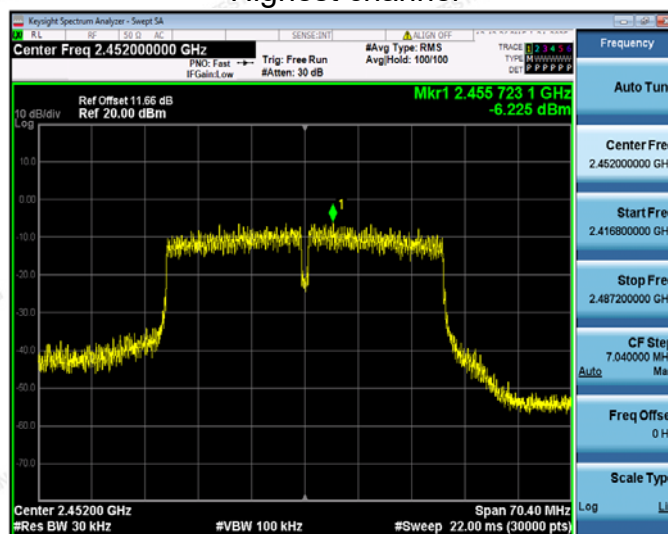
Lowest channel



Middle channel



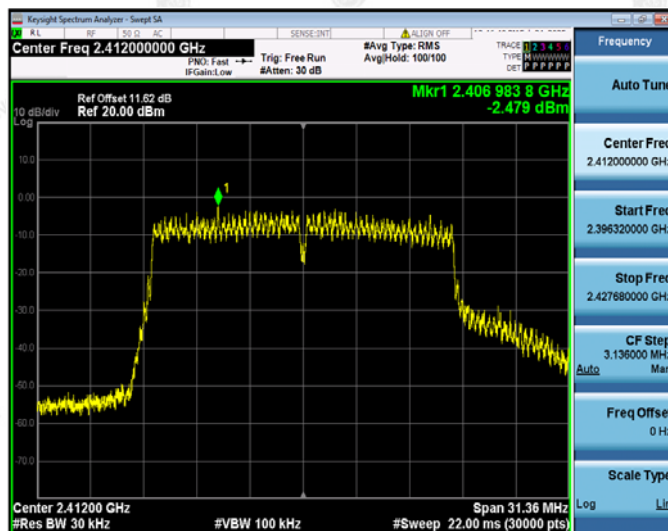
Highest channel



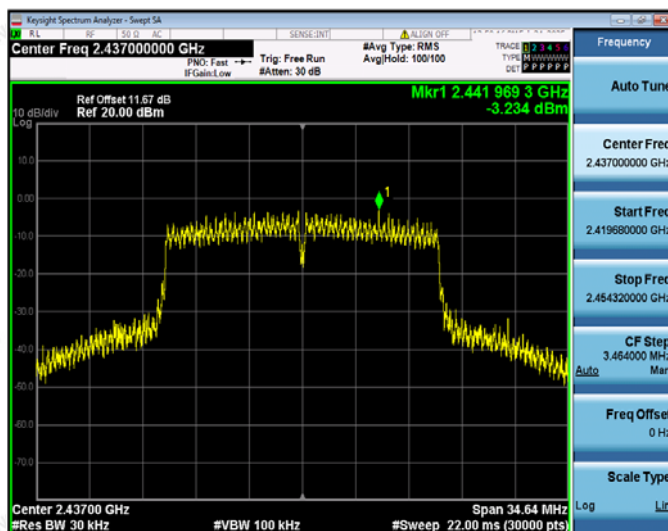


802.11ac(HT20) Modulation

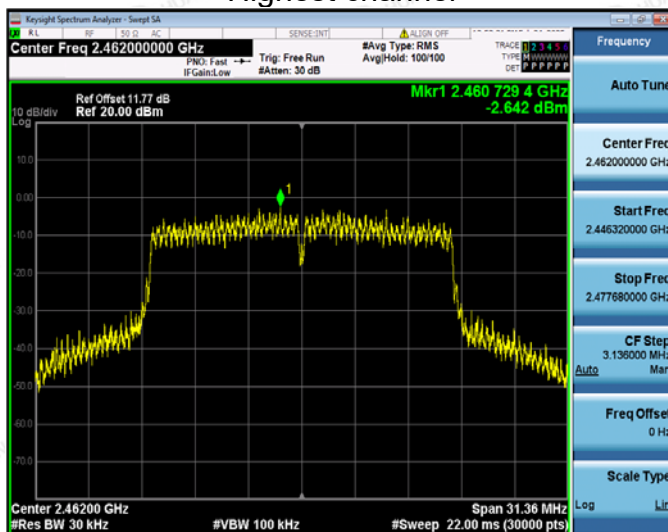
Lowest channel



Middle channel



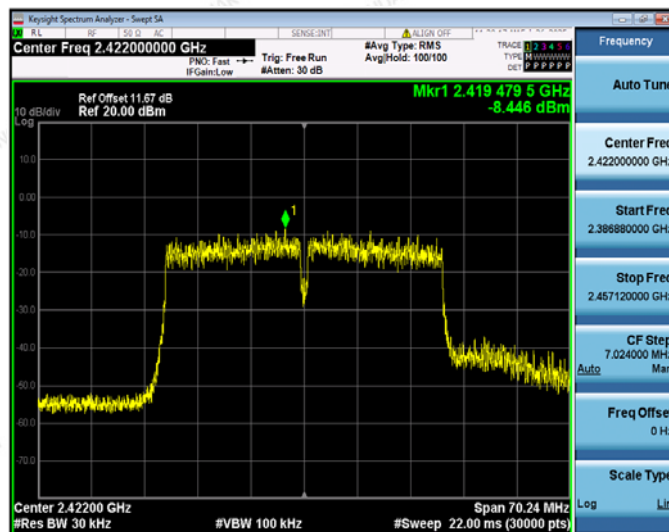
Highest channel



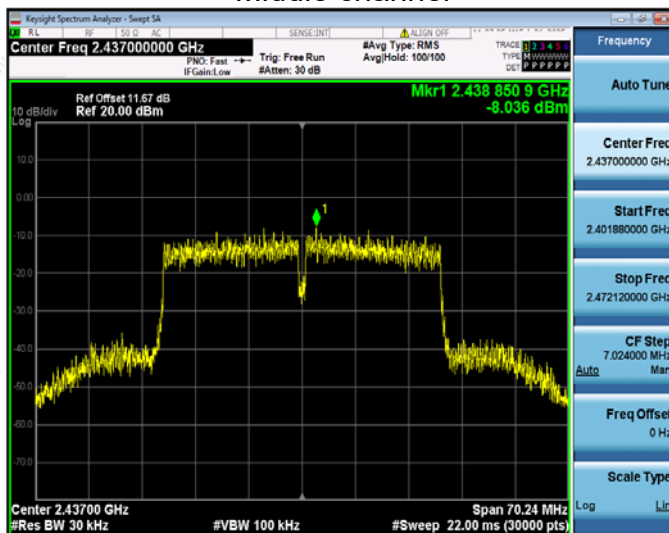


802.11ac(HT40) Modulation

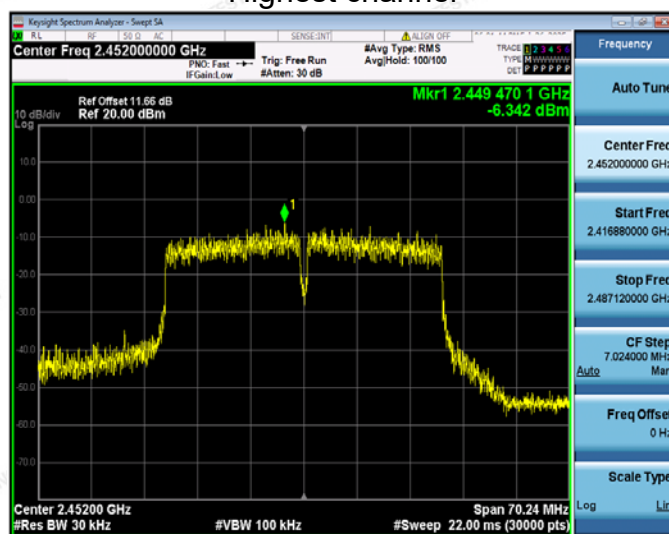
Lowest channel



Middle channel



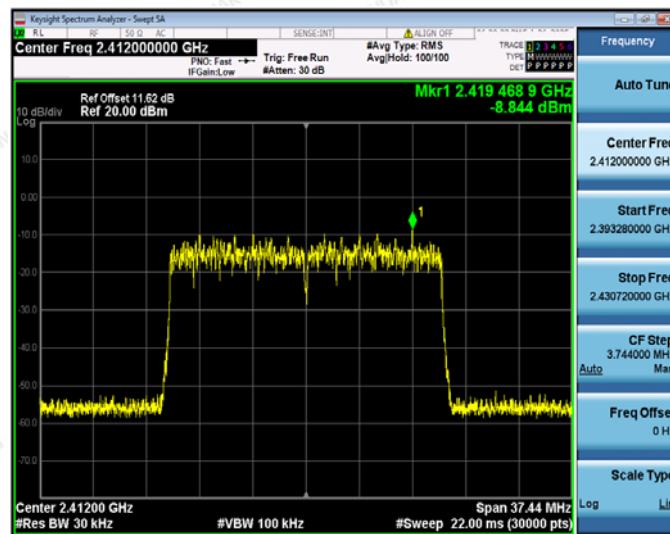
Highest channel



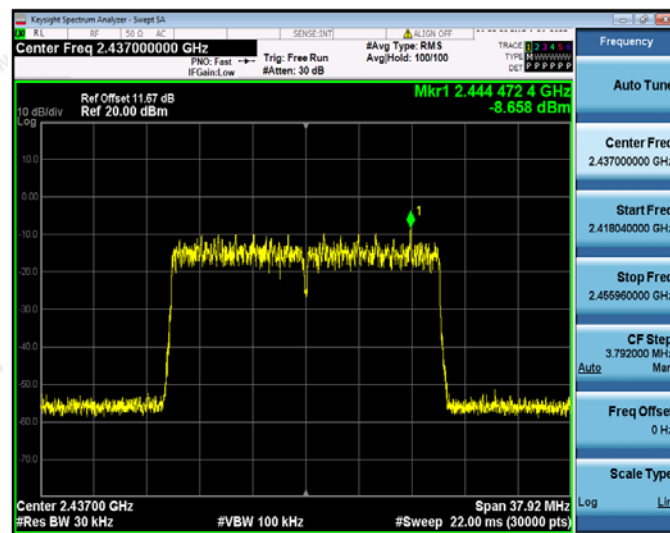


## 802.11ax(HE20) Modulation

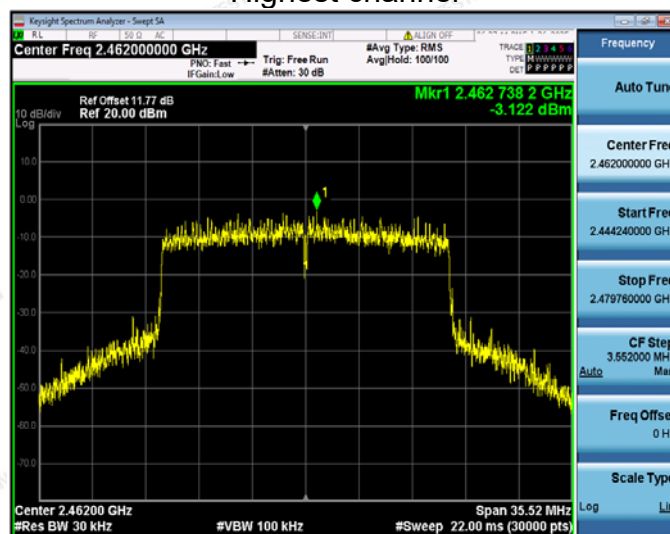
Lowest channel



### Middle channel



Highest channel



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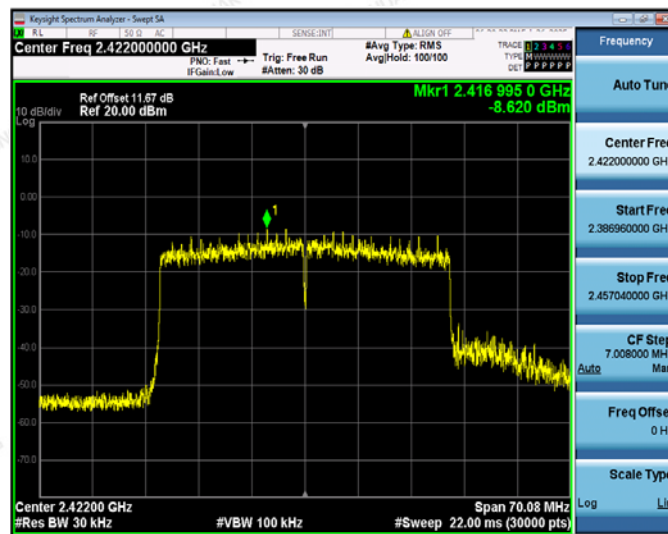
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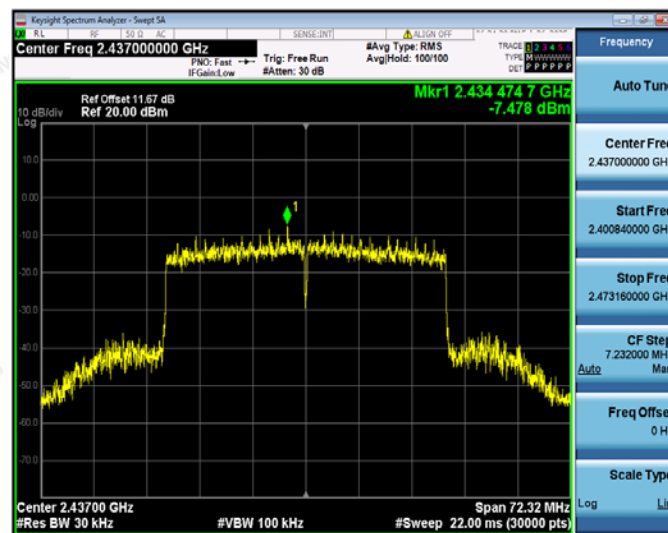


802.11ax(HE40) Modulation

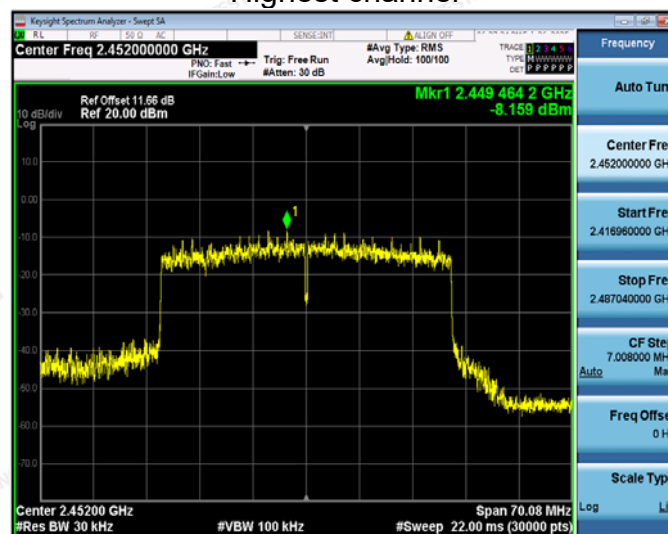
Lowest channel



Middle channel



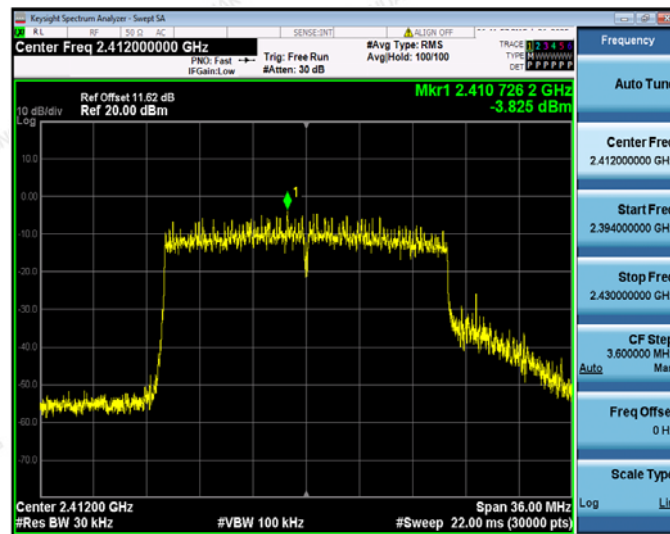
Highest channel



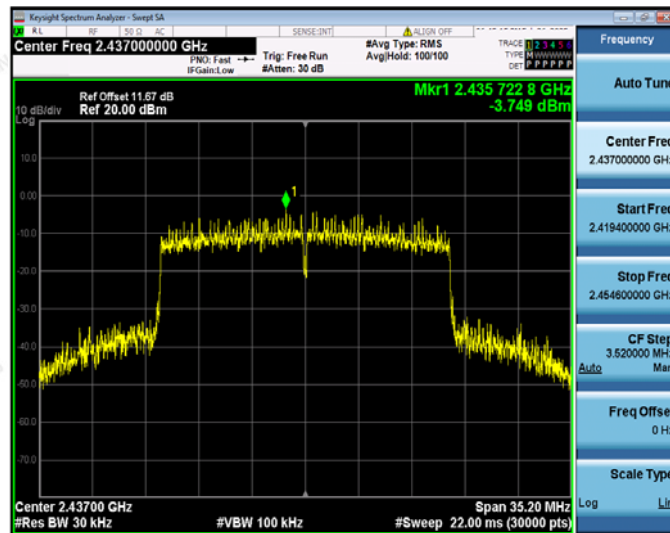


## 802.11be(EHT20) Modulation

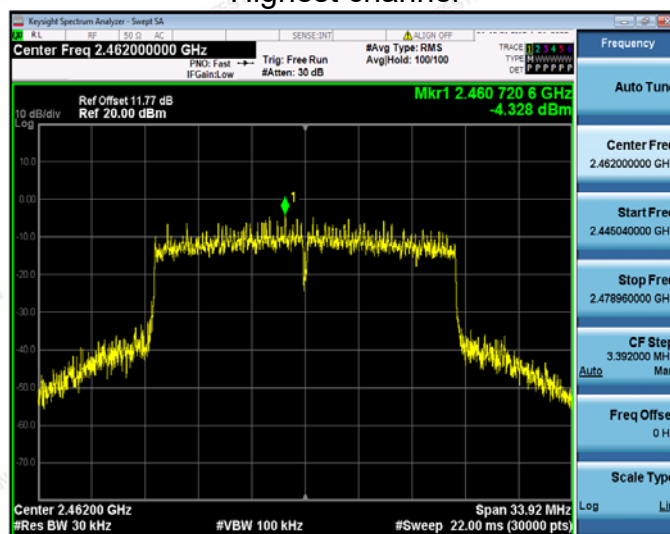
Lowest channel



### Middle channel



## Highest channel



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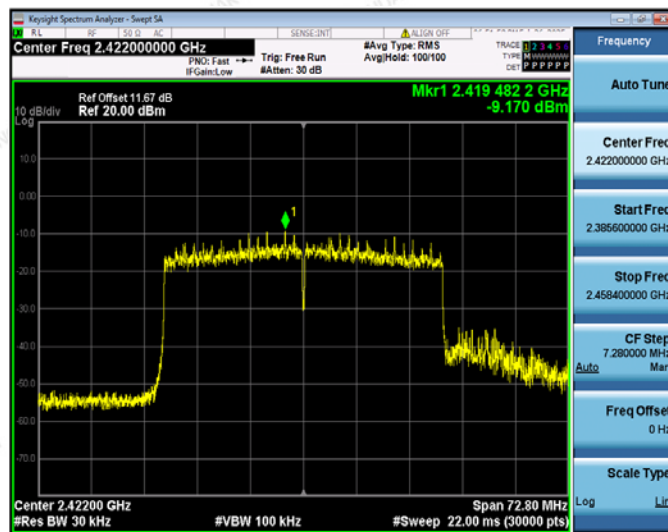
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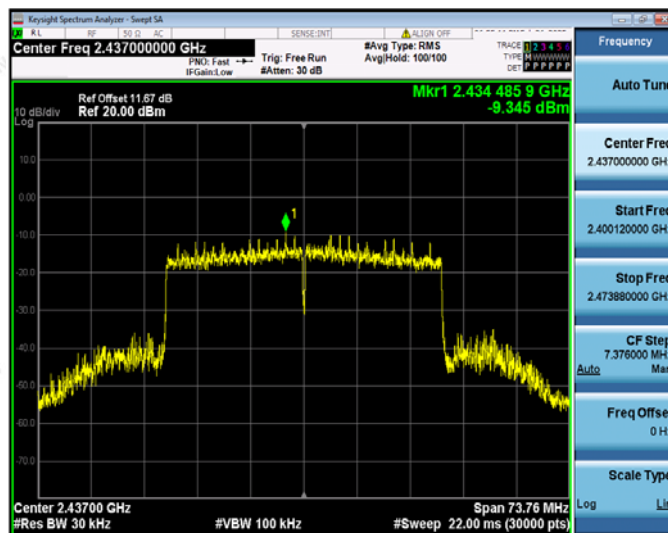


802.11be(EHT40) Modulation

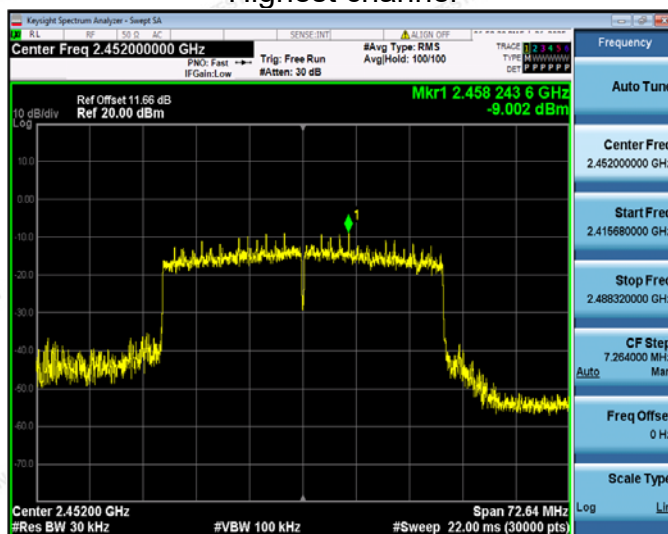
Lowest channel



Middle channel



Highest channel



**For antenna port 2**

| EUT Set Mode   | Channel | Test Result (dBm/30kHz) | Result (dBm/3kHz) |
|----------------|---------|-------------------------|-------------------|
| 802.11b        | Lowest  | -3.51                   | -13.51            |
|                | Middle  | -3.02                   | -13.02            |
|                | Highest | -2.73                   | -12.73            |
| 802.11g        | Lowest  | -5.46                   | -15.46            |
|                | Middle  | -5.86                   | -15.86            |
|                | Highest | -6.14                   | -16.14            |
| 802.11n(HT20)  | Lowest  | -6.36                   | -16.36            |
|                | Middle  | -6.76                   | -16.76            |
|                | Highest | -6.91                   | -16.91            |
| 802.11n(HT40)  | Lowest  | -10.44                  | -20.44            |
|                | Middle  | -10.30                  | -20.30            |
|                | Highest | -9.76                   | -19.76            |
| 802.11ac(HT20) | Lowest  | -6.29                   | -16.29            |
|                | Middle  | -5.91                   | -15.91            |
|                | Highest | -6.77                   | -16.77            |
| 802.11ac(HT40) | Lowest  | -8.64                   | -18.64            |
|                | Middle  | -9.28                   | -19.28            |
|                | Highest | -9.64                   | -19.64            |





|                                                            |         |        |        |
|------------------------------------------------------------|---------|--------|--------|
| 802.11ax(HE20)                                             | Lowest  | -6.49  | -16.49 |
|                                                            | Middle  | -5.16  | -15.16 |
|                                                            | Highest | -6.80  | -16.80 |
| 802.11ax(HE40)                                             | Lowest  | -8.96  | -18.96 |
|                                                            | Middle  | -9.45  | -19.45 |
|                                                            | Highest | -9.07  | -19.07 |
| 802.11be(EHT20)                                            | Lowest  | -6.00  | -16.00 |
|                                                            | Middle  | -6.00  | -16.00 |
|                                                            | Highest | -5.97  | -15.97 |
| 802.11be(EHT40)                                            | Lowest  | -10.28 | -20.28 |
|                                                            | Middle  | -10.04 | -20.04 |
|                                                            | Highest | -10.41 | -20.41 |
| PSD test result (dBm/3kHz)= PSD test result (dBm/30kHz)-10 |         |        |        |
| Limit: 8dBm/3kHz                                           |         |        |        |
| Test Result:                                               |         | PASS   |        |

Test plots as follows:



## 802.11b Modulation

### Lowest channel



### Middle channel



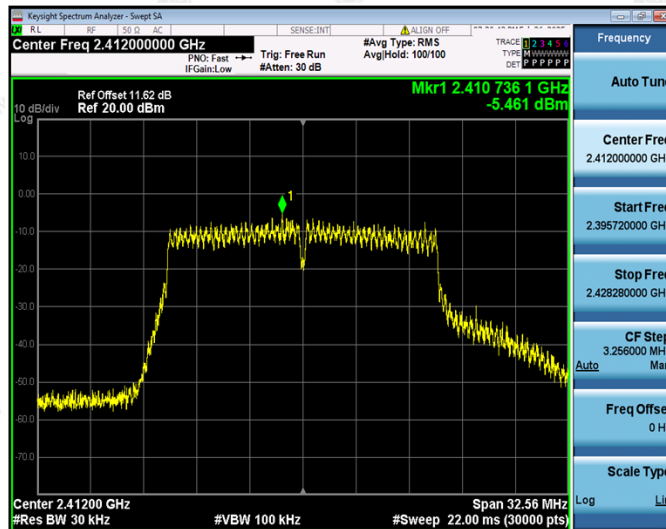
### Highest channel



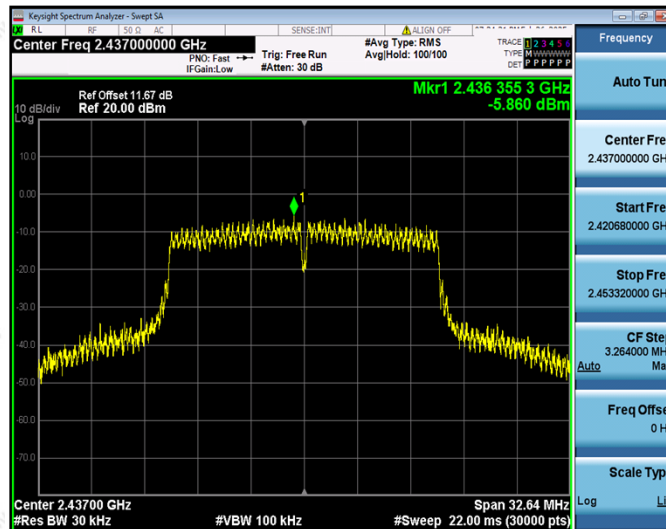


## 802.11g Modulation

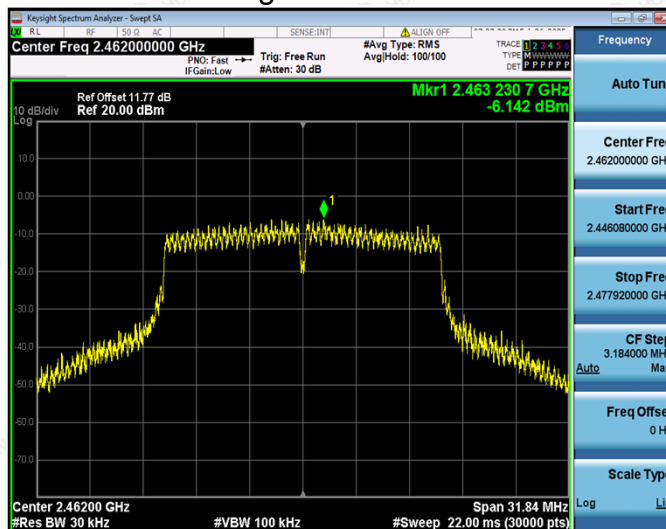
### Lowest channel



### Middle channel



### Highest channel

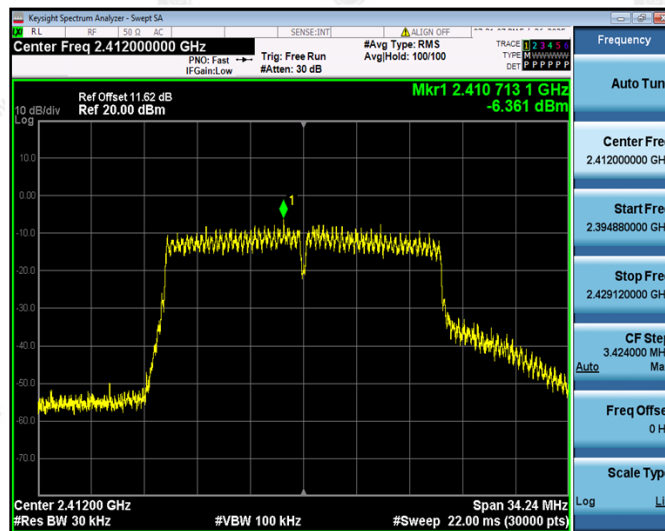




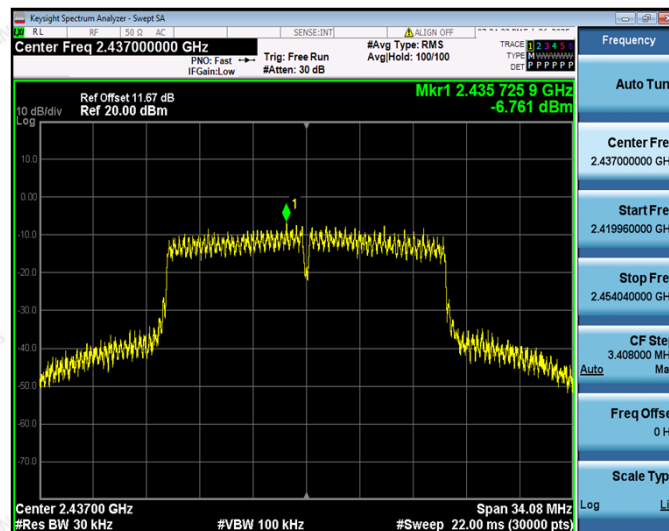


802.11n(HT20) Modulation

Lowest channel



Middle channel



Highest channel

