

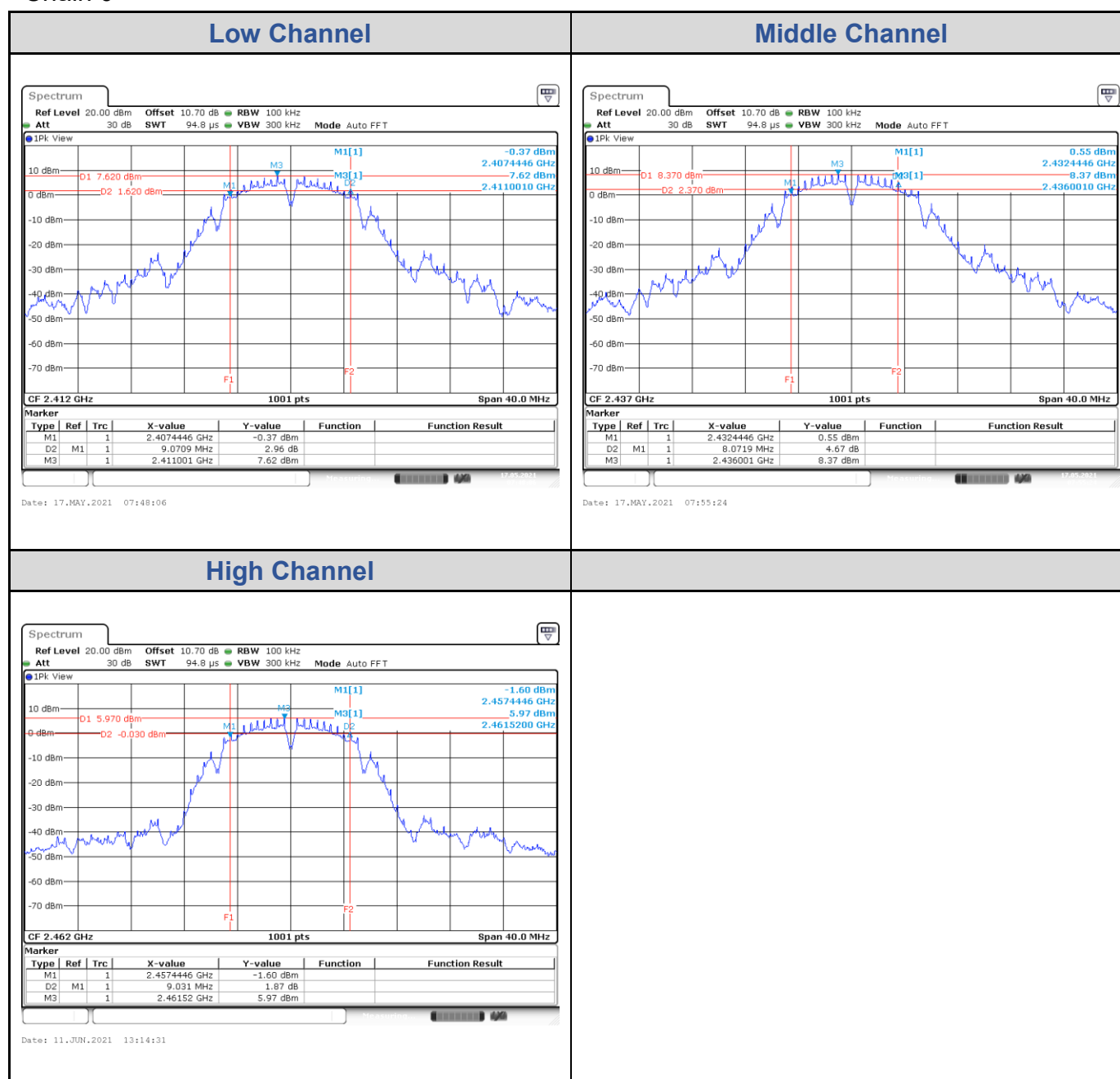
# Appendix A: Test Results of Conducted Test

## Test Result of 6 dB Bandwidth

### 802.11b: 2TX

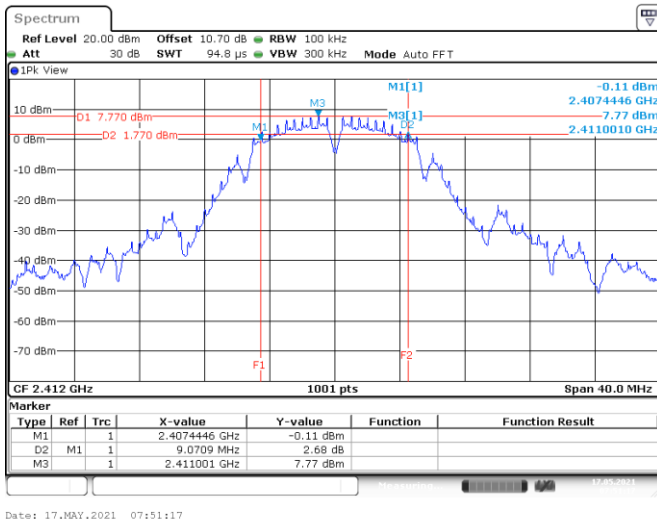
| Channel        | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) |         | Limit (MHz) | Result |
|----------------|-------------------------|----------------------|---------|-------------|--------|
|                |                         | Chain 0              | Chain 1 |             |        |
| Low Channel    | 2412                    | 9.07                 | 9.07    | > 0.5       | Pass   |
| Middle Channel | 2437                    | 8.07                 | 9.07    | > 0.5       | Pass   |
| High Channel   | 2462                    | 9.03                 | 9.03    | > 0.5       | Pass   |

### <Chain 0>

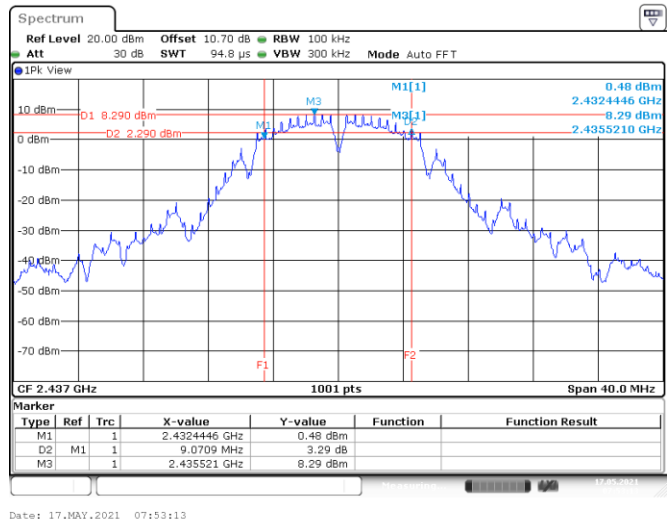


<Chain 1>

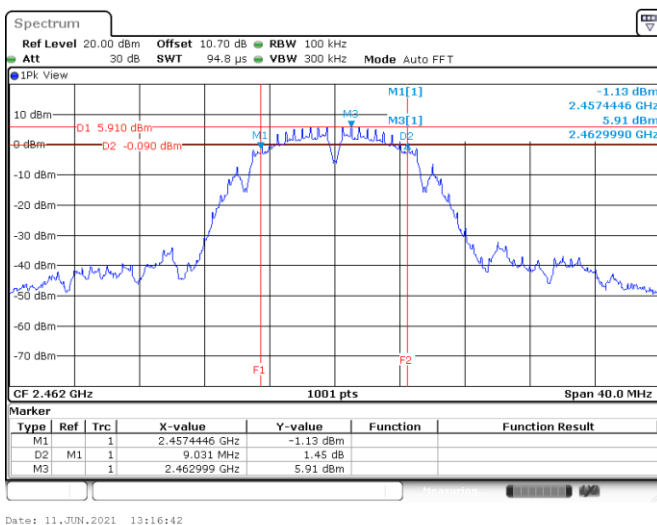
### Low Channel



### Middle Channel

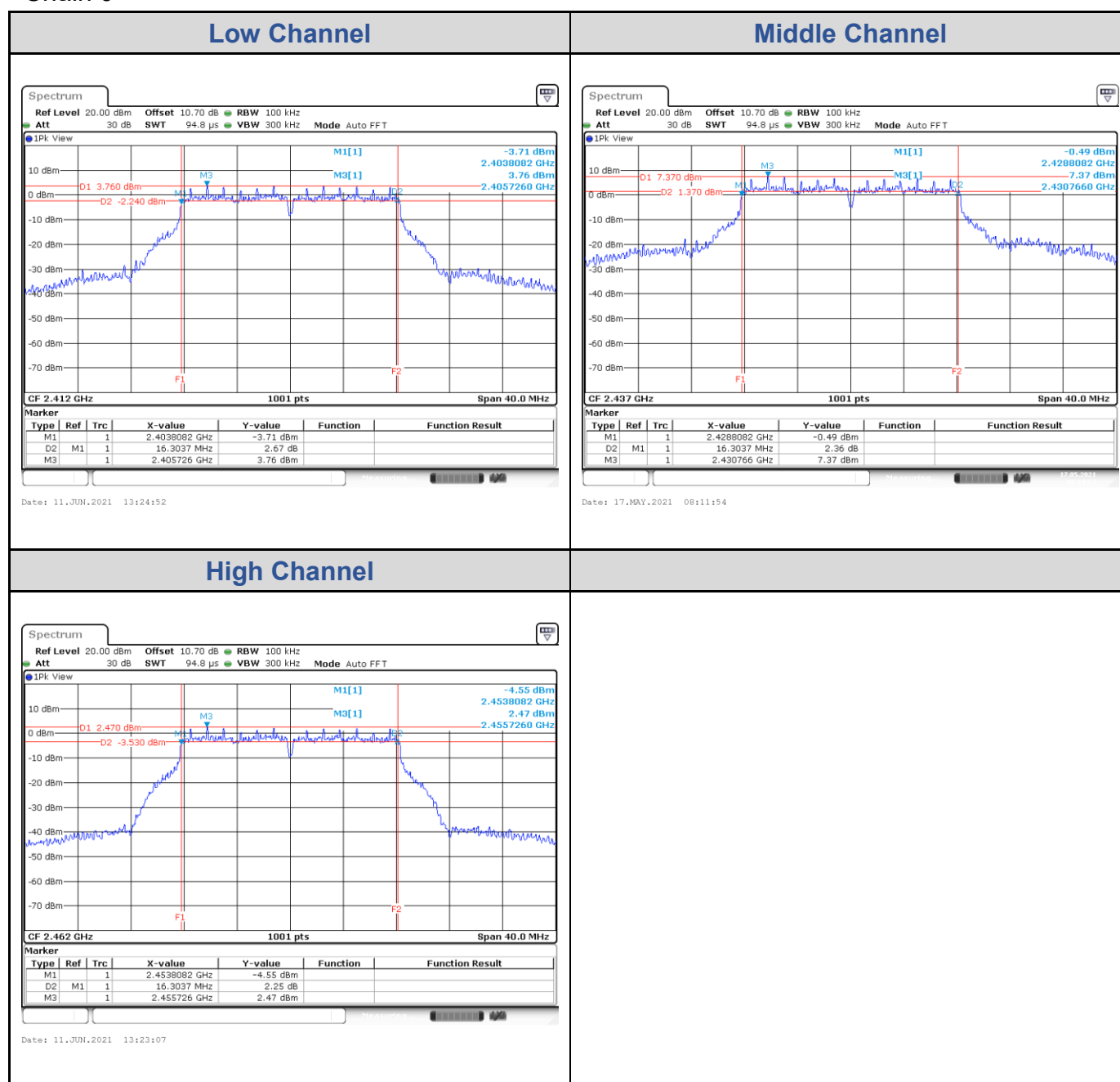


### High Channel



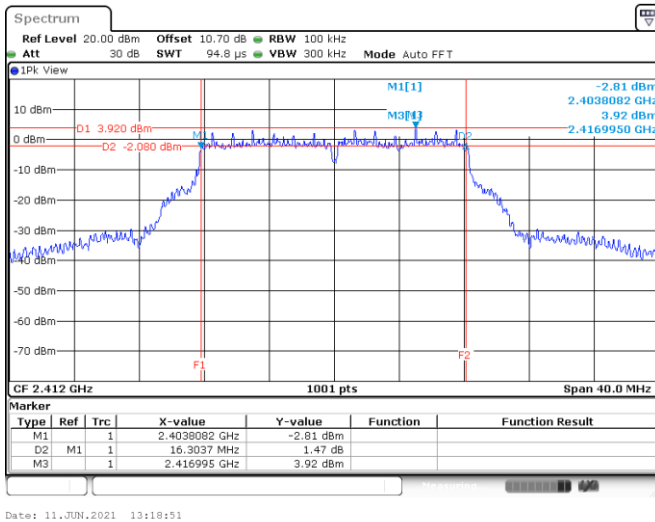
**802.11g: 2TX**

| Channel        | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) |         | Limit (MHz) | Result |
|----------------|-------------------------|----------------------|---------|-------------|--------|
|                |                         | Chain 0              | Chain 1 |             |        |
| Low Channel    | 2412                    | 16.30                | 16.30   | > 0.5       | Pass   |
| Middle Channel | 2437                    | 16.30                | 16.26   | > 0.5       | Pass   |
| High Channel   | 2462                    | 16.30                | 16.30   | > 0.5       | Pass   |

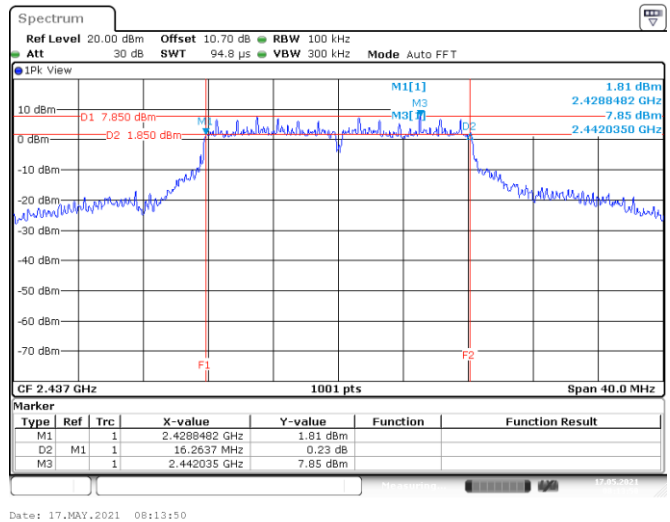
**<Chain 0>**


<Chain 1>

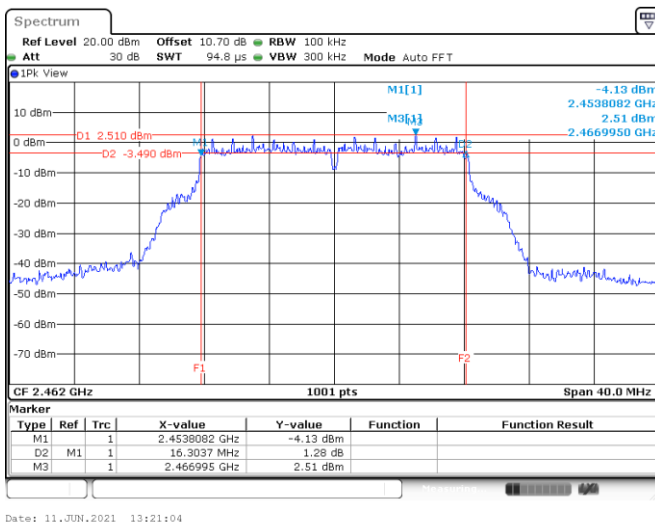
### Low Channel



### Middle Channel

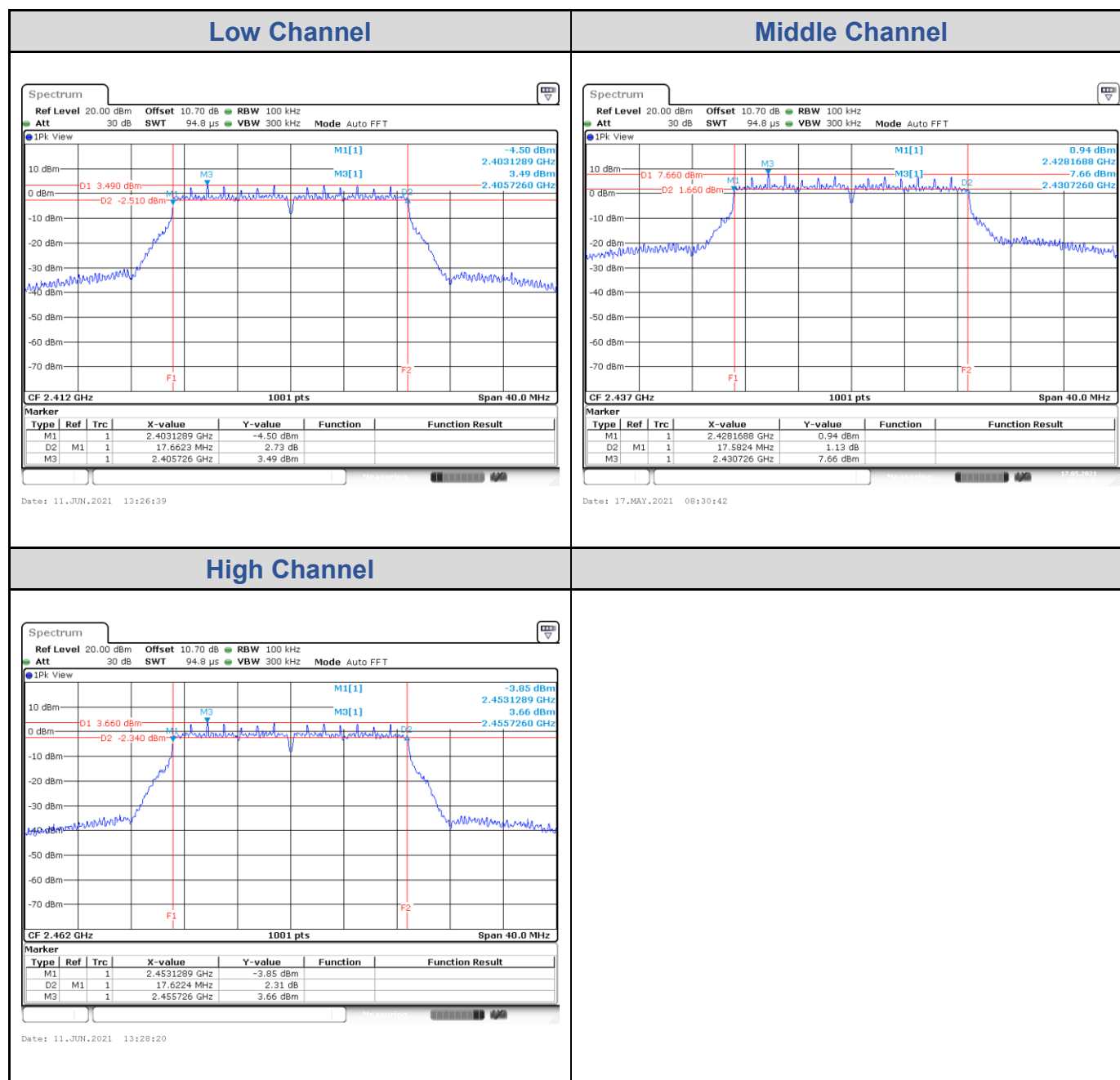


### High Channel



**802.11n HT20: 2TX**

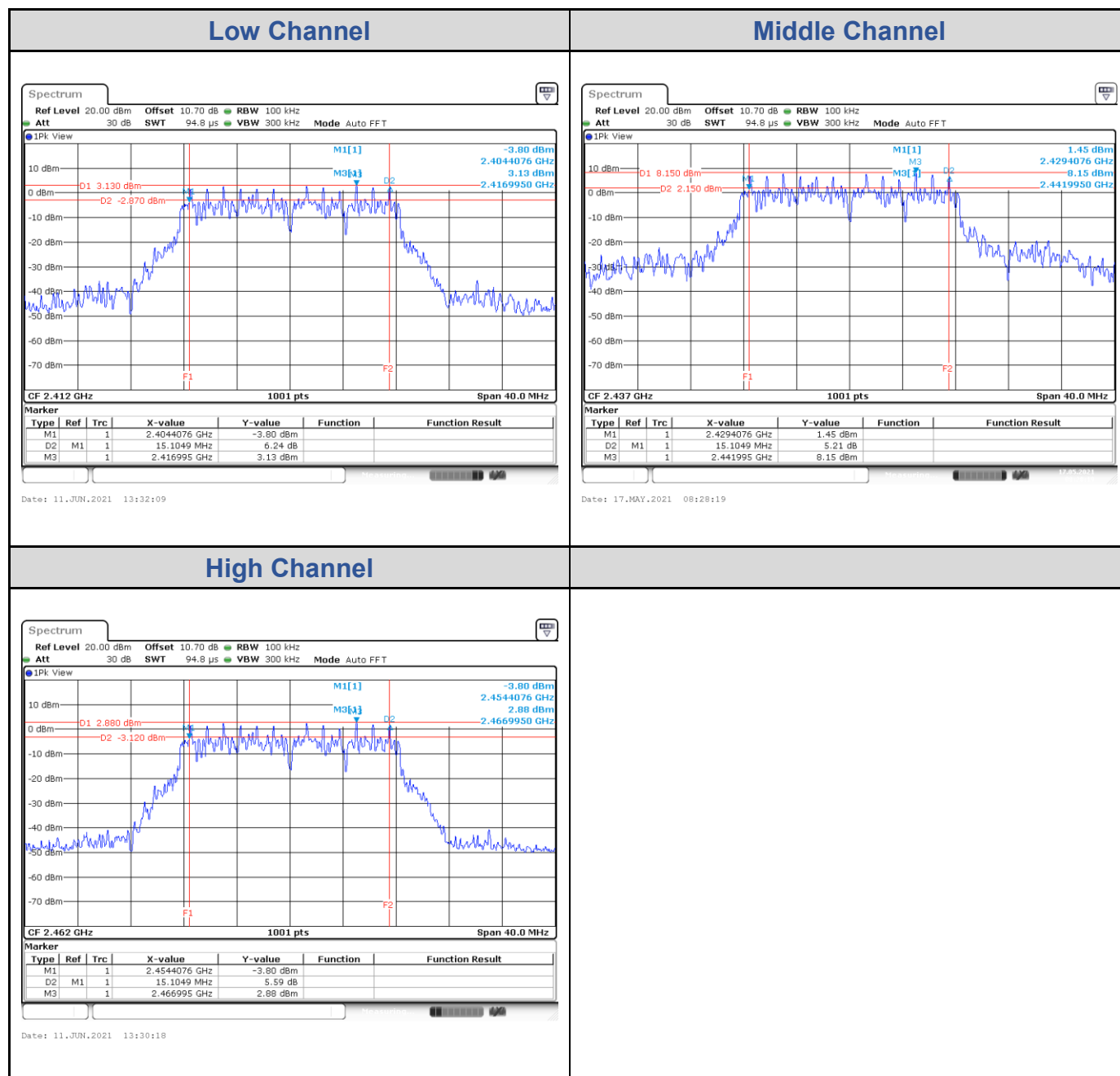
| Channel        | Channel Frequency (MHz) | 6 dB Bandwidth (MHz) |         | Limit (MHz) | Result |
|----------------|-------------------------|----------------------|---------|-------------|--------|
|                |                         | Chain 0              | Chain 1 |             |        |
| Low Channel    | 2412                    | 17.66                | 15.10   | > 0.5       | Pass   |
| Middle Channel | 2437                    | 17.58                | 15.10   | > 0.5       | Pass   |
| High Channel   | 2462                    | 17.62                | 15.10   | > 0.5       | Pass   |

**<Chain 0>**


&lt;Chain 1&gt;

### Low Channel

### Middle Channel

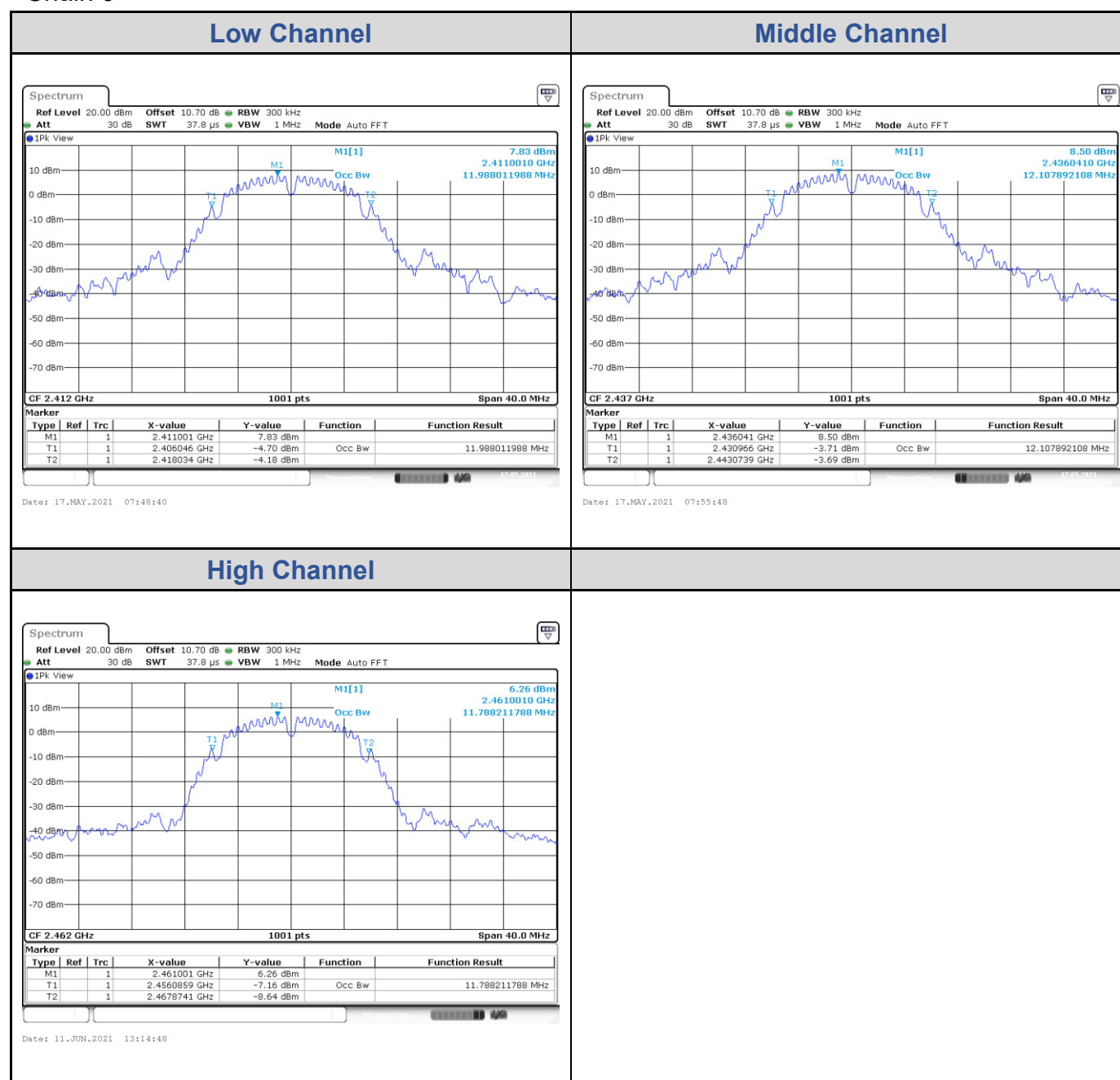


# Test Result of 99% Occupied Bandwidth

## 802.11b: 2TX

| Channel        | Channel Frequency (MHz) | 99% Bandwidth (MHz) |         |
|----------------|-------------------------|---------------------|---------|
|                |                         | Chain 0             | Chain 1 |
| Low Channel    | 2412                    | 11.99               | 12.03   |
| Middle Channel | 2437                    | 12.11               | 12.19   |
| High Channel   | 2462                    | 11.99               | 12.03   |

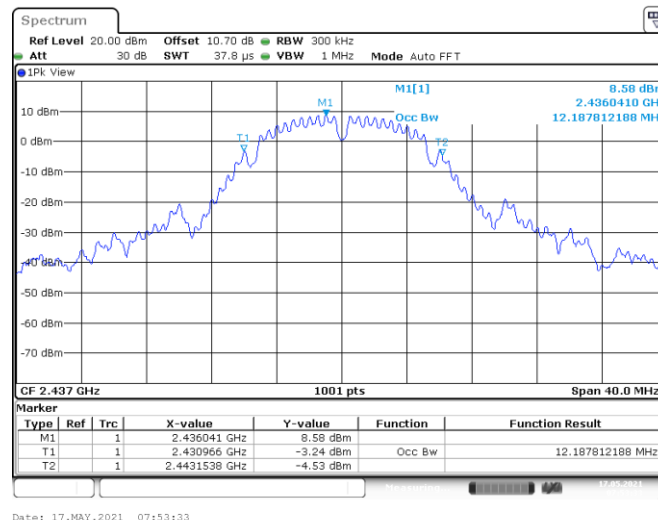
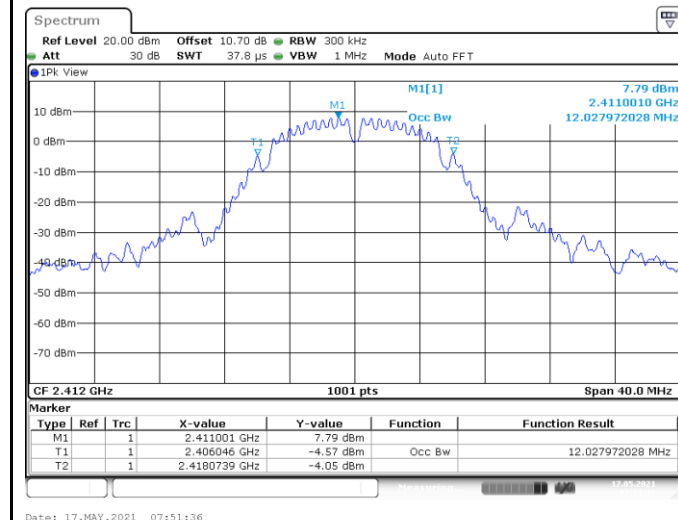
### <Chain 0>



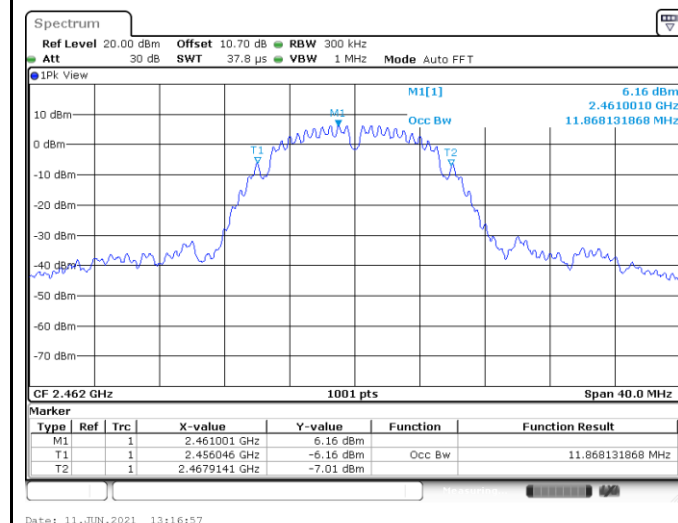
&lt;Chain 1&gt;

### Low Channel

### Middle Channel

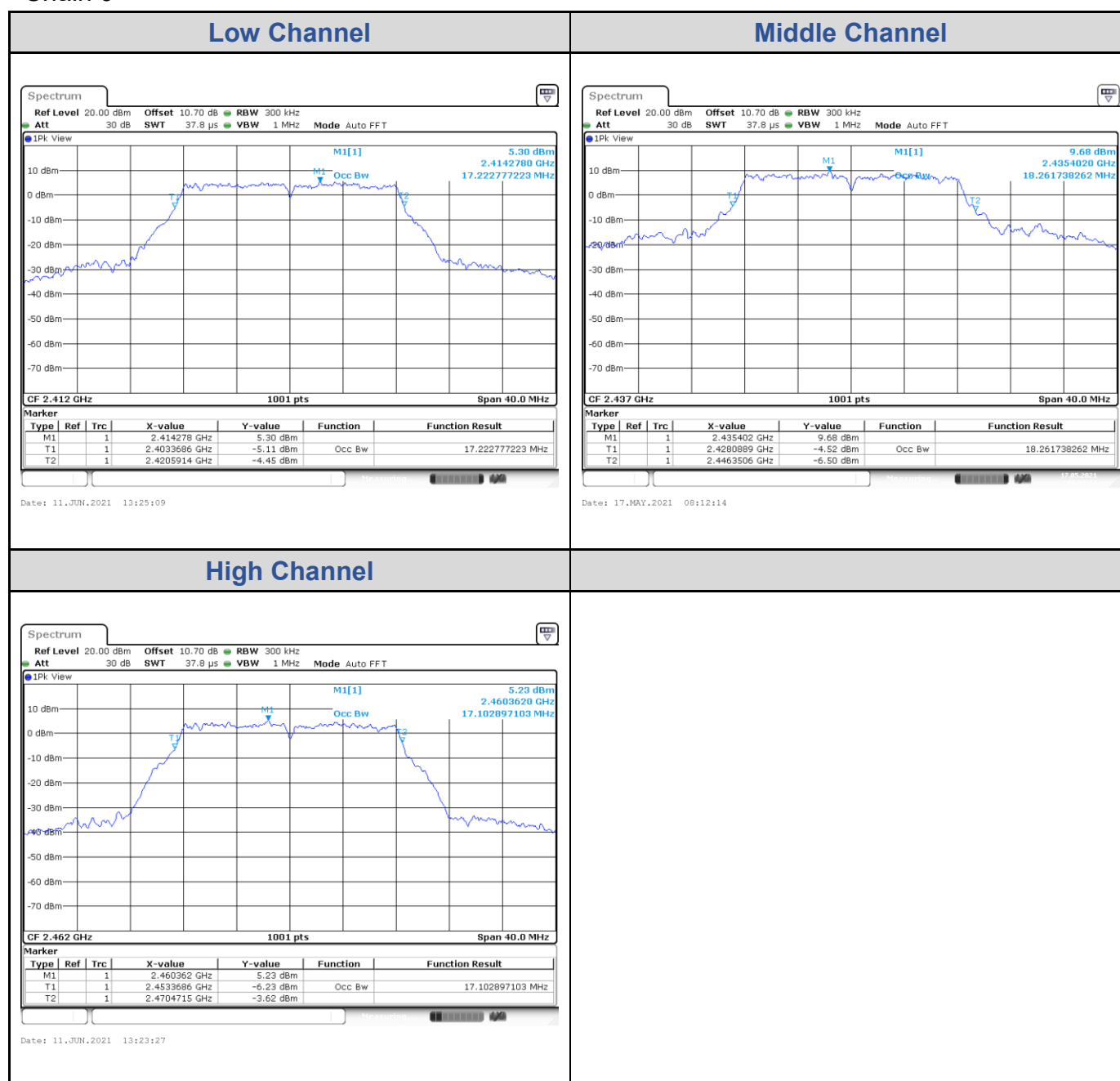


### High Channel



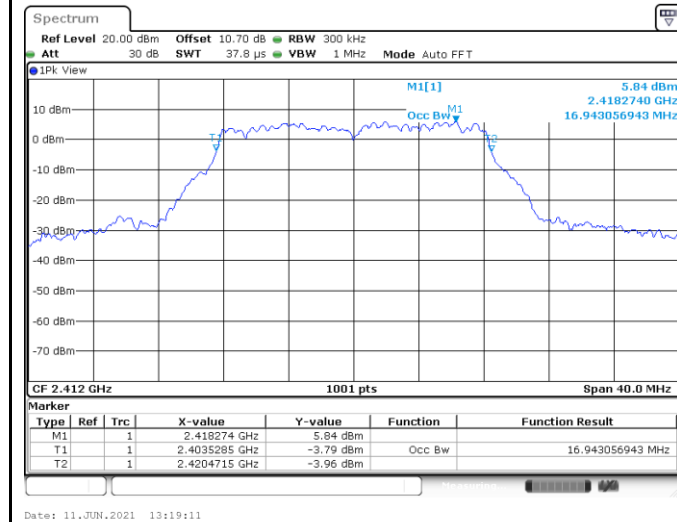
**802.11g: 2TX**

| Channel        | Channel Frequency (MHz) | 99% Bandwidth (MHz) |         |
|----------------|-------------------------|---------------------|---------|
|                |                         | Chain 0             | Chain 1 |
| Low Channel    | 2412                    | 17.22               | 16.94   |
| Middle Channel | 2437                    | 18.26               | 18.94   |
| High Channel   | 2462                    | 17.10               | 17.02   |

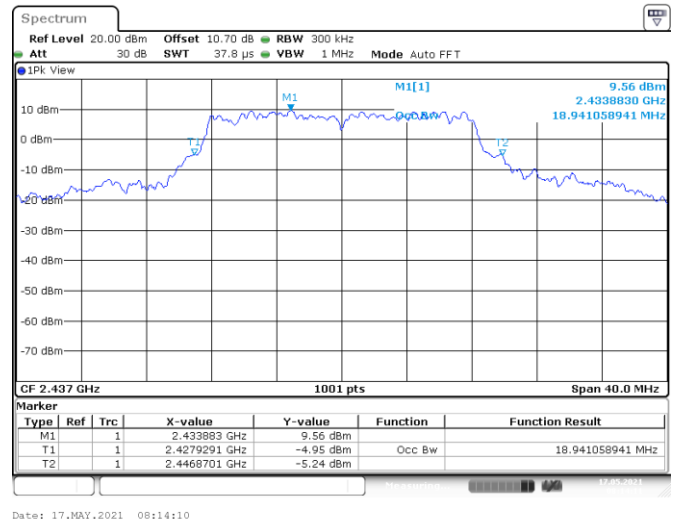
**<Chain 0>**


<Chain 1>

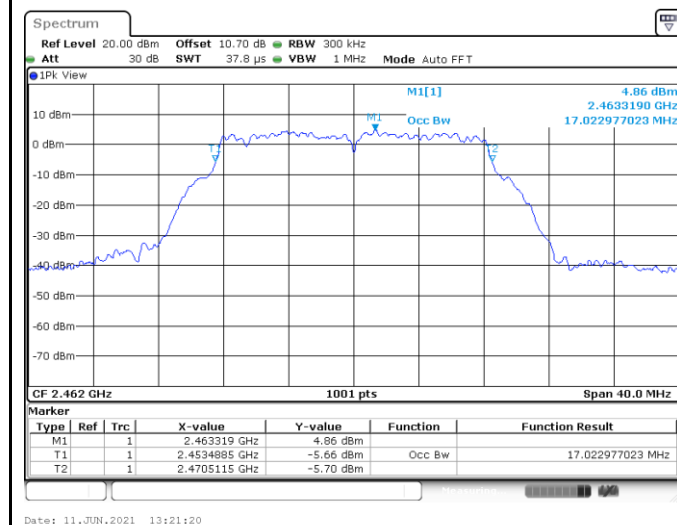
### Low Channel



### Middle Channel

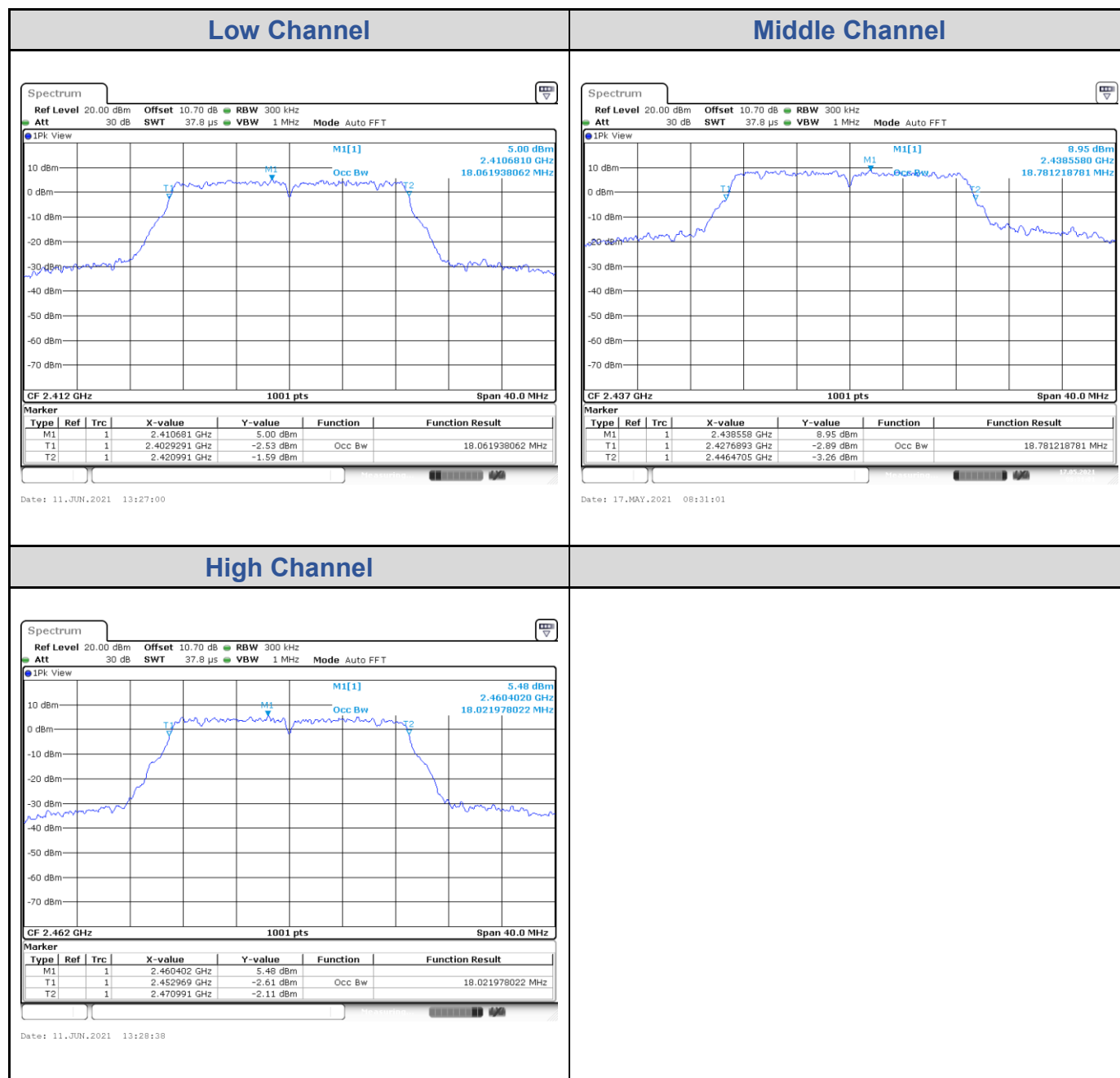


### High Channel



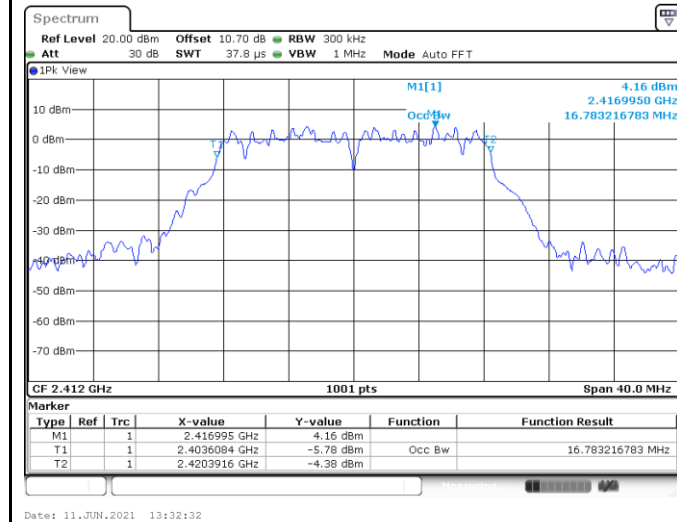
**802.11n HT20: 2TX**

| Channel        | Channel Frequency (MHz) | 99% Bandwidth (MHz) |         |
|----------------|-------------------------|---------------------|---------|
|                |                         | Chain 0             | Chain 1 |
| Low Channel    | 2412                    | 18.06               | 16.78   |
| Middle Channel | 2437                    | 18.78               | 16.98   |
| High Channel   | 2462                    | 18.02               | 16.70   |

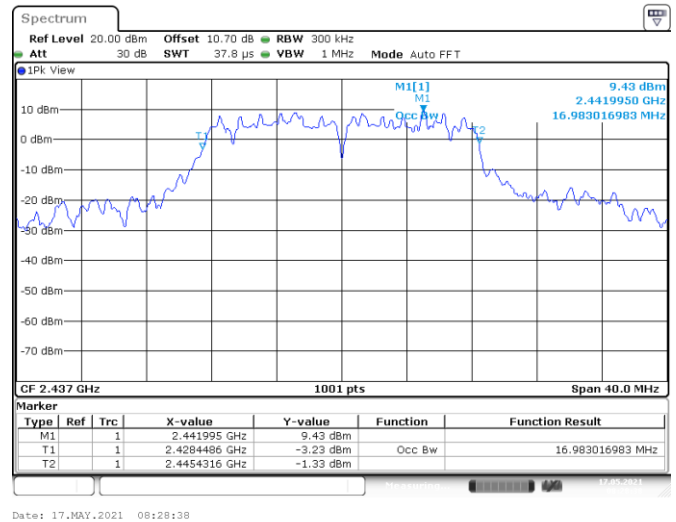
**<Chain 0>**


<Chain 1>

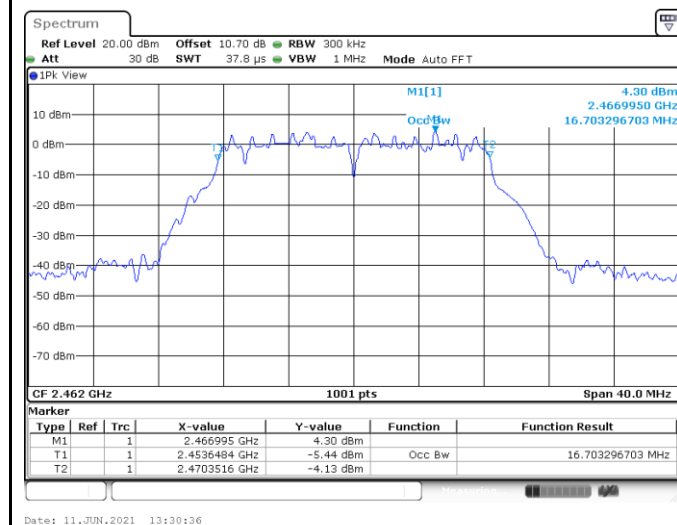
### Low Channel



### Middle Channel



### High Channel

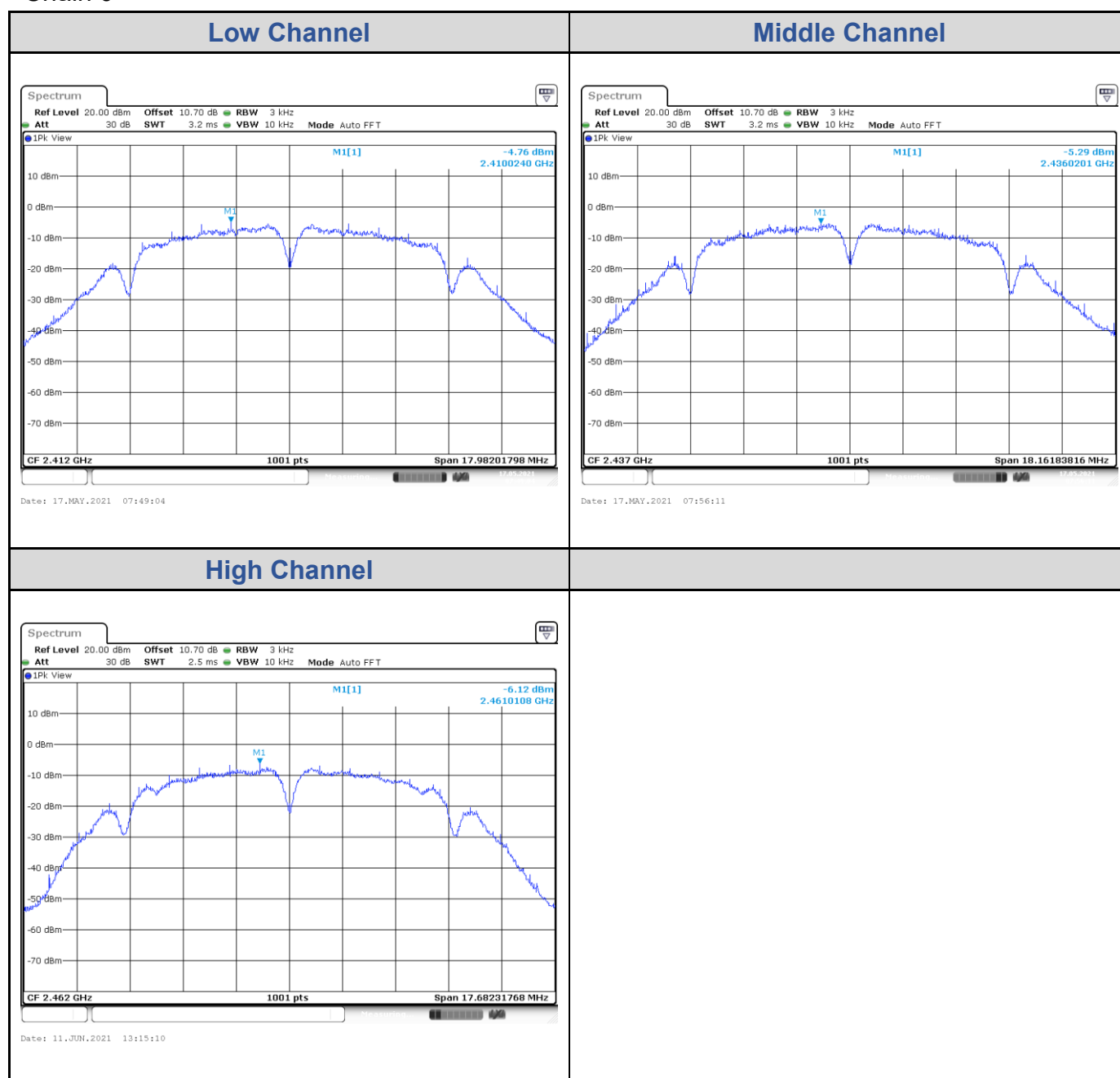


## Test Result of Power Spectral Density

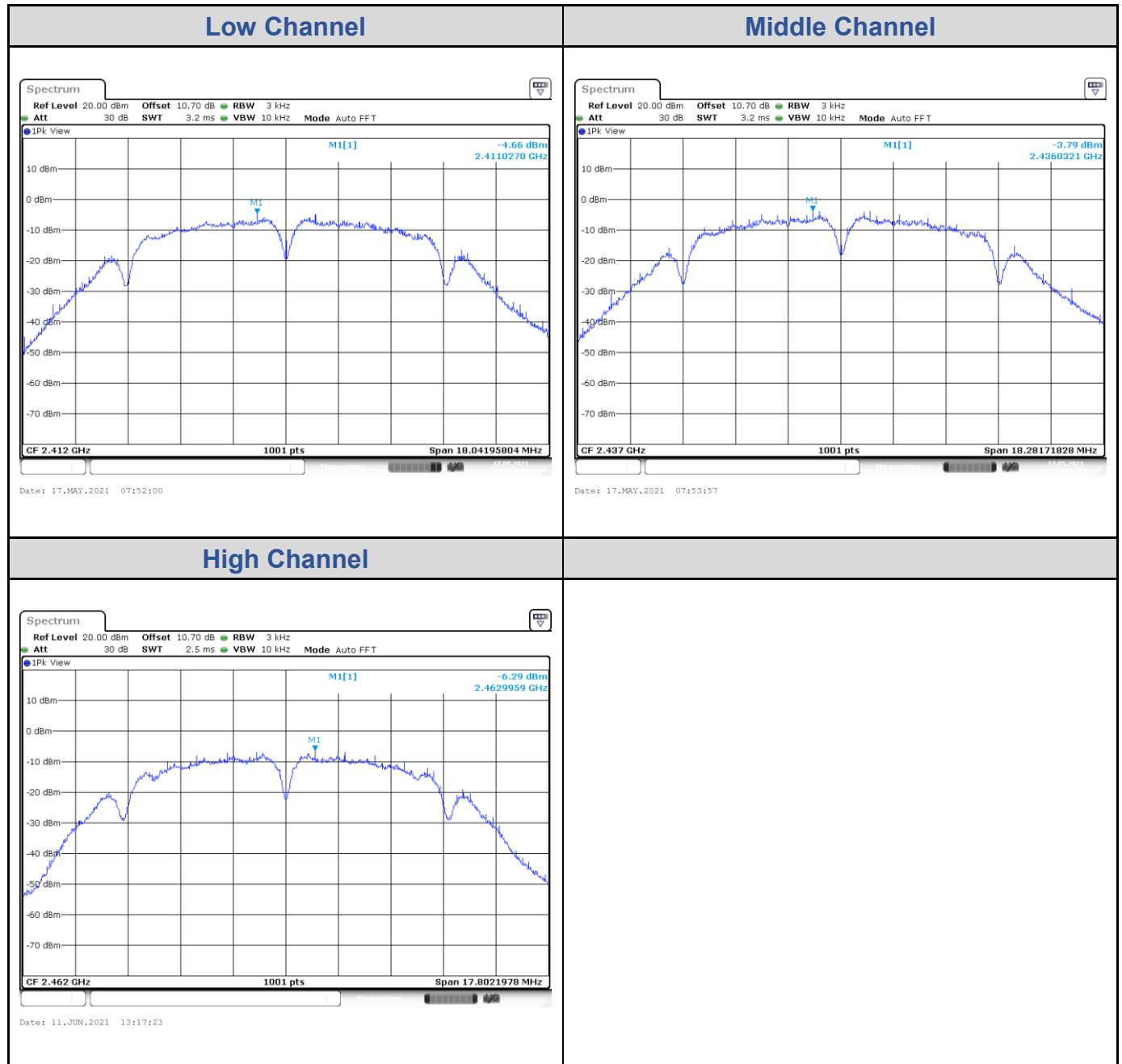
### 802.11b: 2TX

| Channel        | Channel Frequency (MHz) | Power Density (dBm/3kHz) |         | Total Power Density (dBm/3kHz) | Limit (dBm/3kHz) |
|----------------|-------------------------|--------------------------|---------|--------------------------------|------------------|
|                |                         | Chain 0                  | Chain 1 |                                |                  |
| Low Channel    | 2412                    | -4.76                    | -4.66   | -1.70                          | 8                |
| Middle Channel | 2437                    | -5.29                    | -3.79   | -1.47                          | 8                |
| High Channel   | 2462                    | -4.93                    | -4.78   | -1.84                          | 8                |

#### <Chain 0>

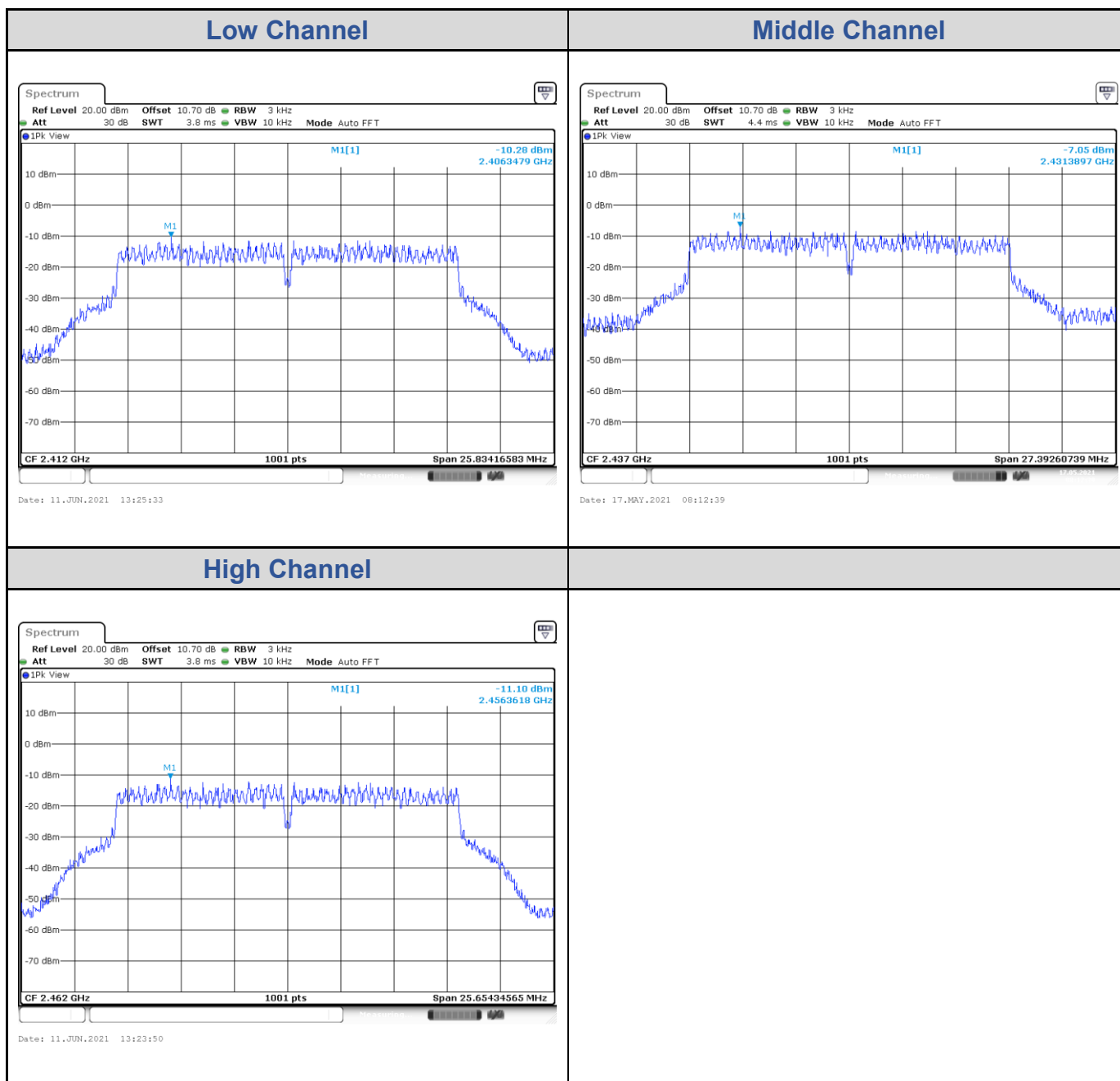


<Chain 1>

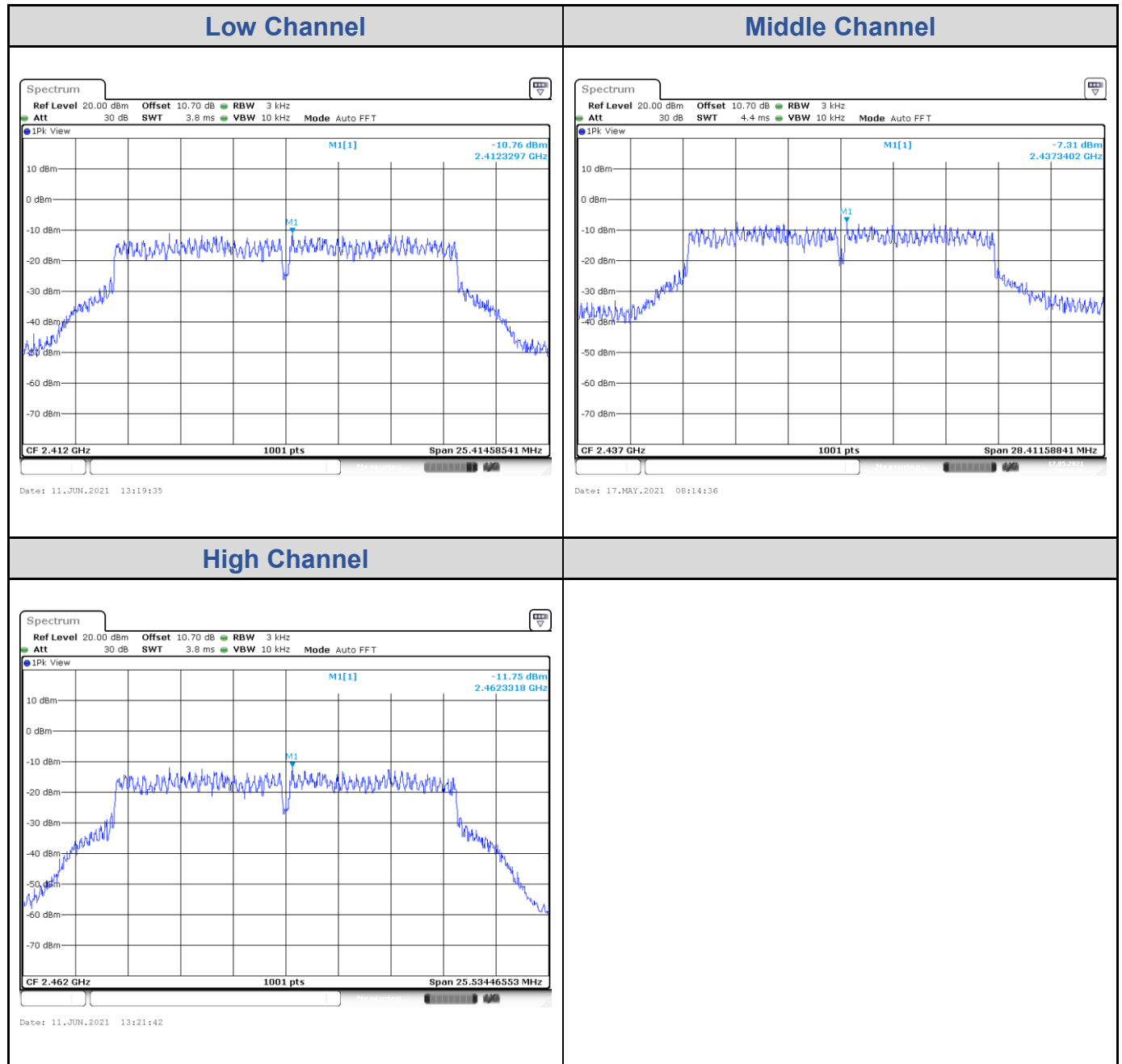


**802.11g: 2TX**

| Channel        | Channel Frequency (MHz) | Power Density (dBm/3kHz) |         | Total Power Density (dBm/3kHz) | Limit (dBm/3kHz) |
|----------------|-------------------------|--------------------------|---------|--------------------------------|------------------|
|                |                         | Chain 0                  | Chain 1 |                                |                  |
| Low Channel    | 2412                    | -10.28                   | -10.76  | -7.50                          | 8                |
| Middle Channel | 2437                    | -7.05                    | -7.31   | -4.17                          | 8                |
| High Channel   | 2462                    | -11.10                   | -11.75  | -8.40                          | 8                |

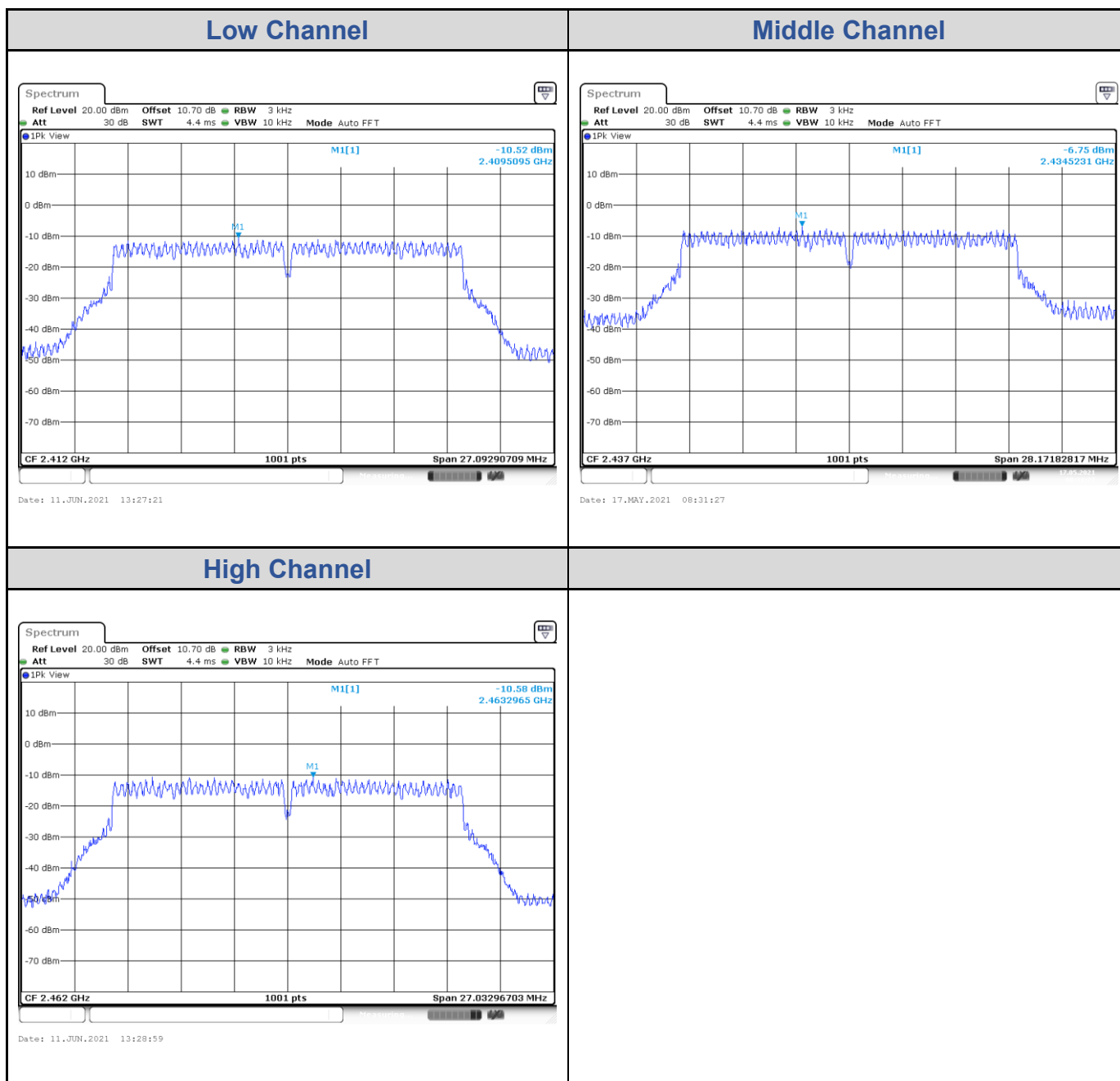
**<Chain 0>**


<Chain 1>



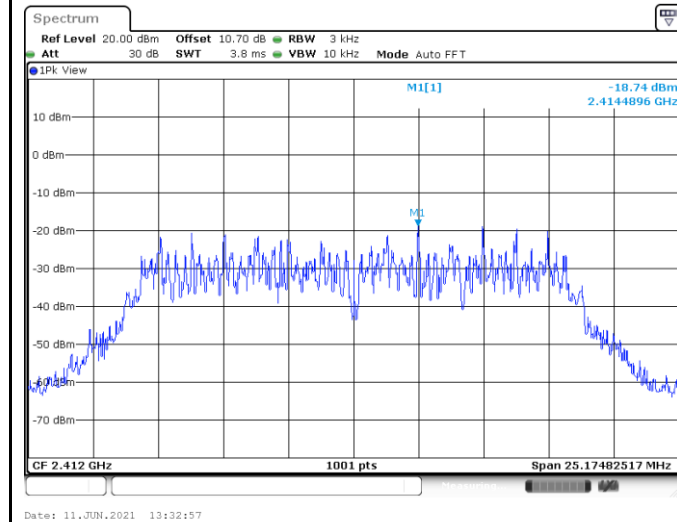
**802.11n HT20: 2TX**

| Channel        | Channel Frequency (MHz) | Power Density (dBm/3kHz) |         | Total Power Density (dBm/3kHz) | Limit (dBm/3kHz) |
|----------------|-------------------------|--------------------------|---------|--------------------------------|------------------|
|                |                         | Chain 0                  | Chain 1 |                                |                  |
| Low Channel    | 2412                    | -10.52                   | -18.74  | -9.91                          | 8                |
| Middle Channel | 2437                    | -6.75                    | -14.36  | -6.06                          | 8                |
| High Channel   | 2462                    | -10.58                   | -19.09  | -10.01                         | 8                |

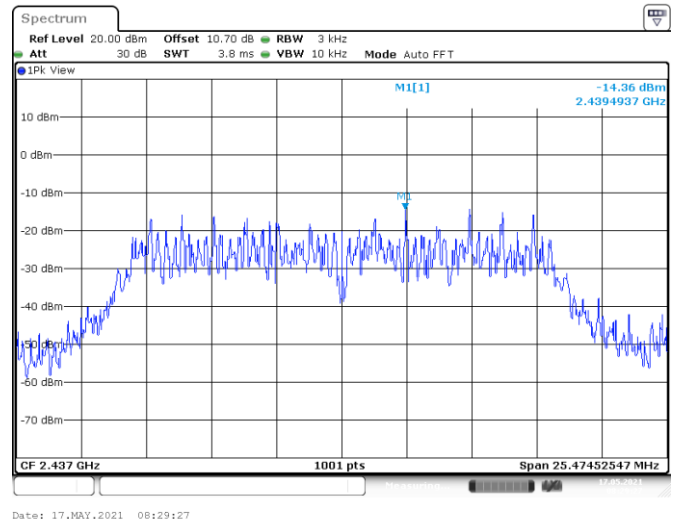
**<Chain 0>**


<Chain 1>

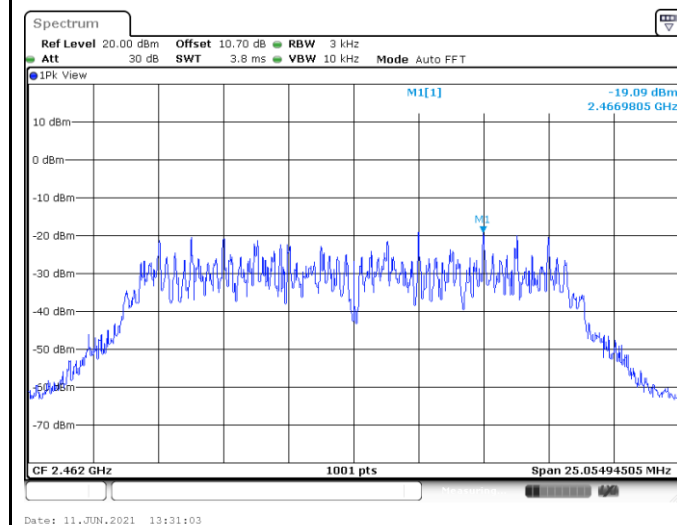
### Low Channel



### Middle Channel



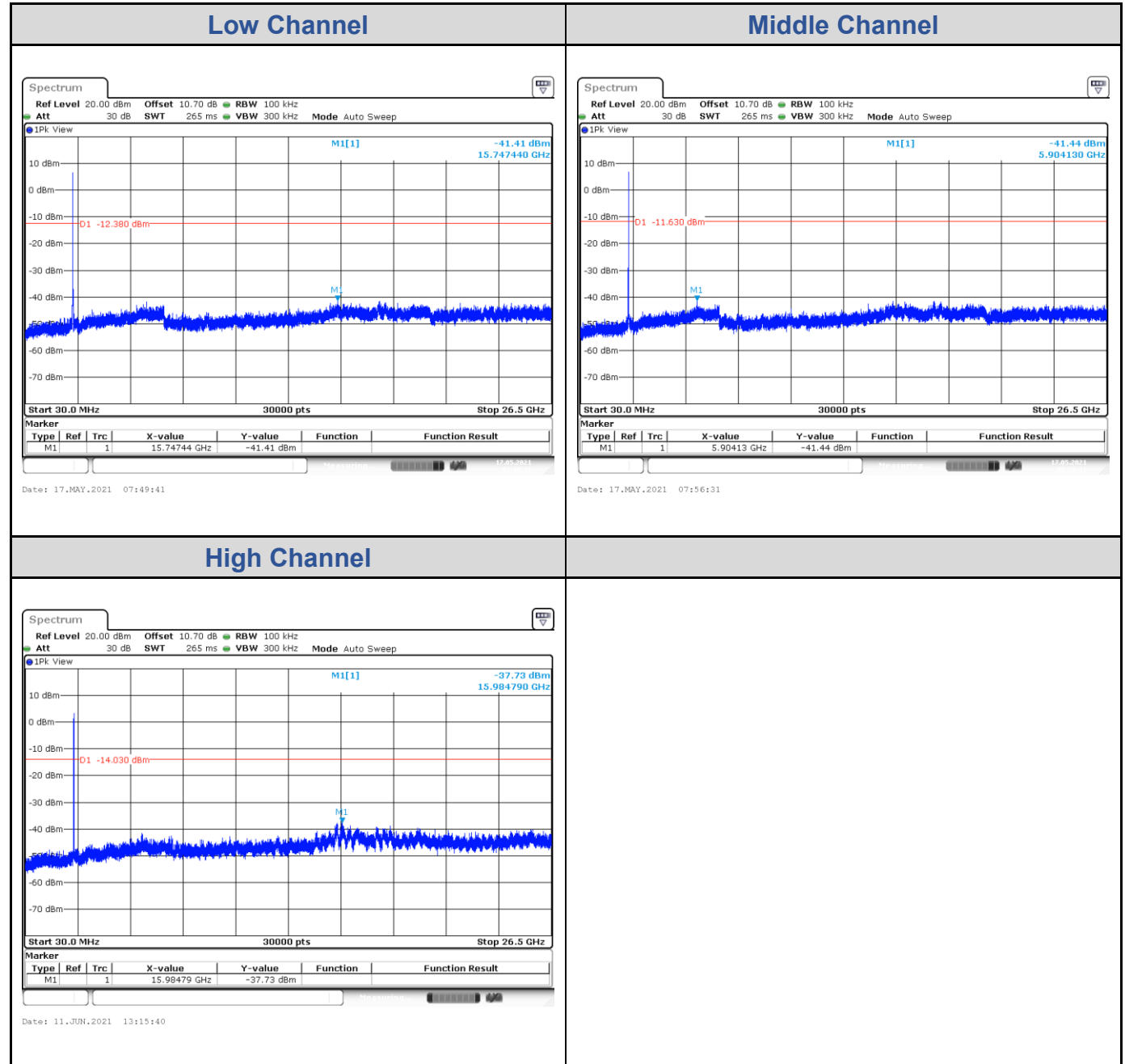
### High Channel



## Test Result of Conducted Spurious Emissions

802.11b: 2TX

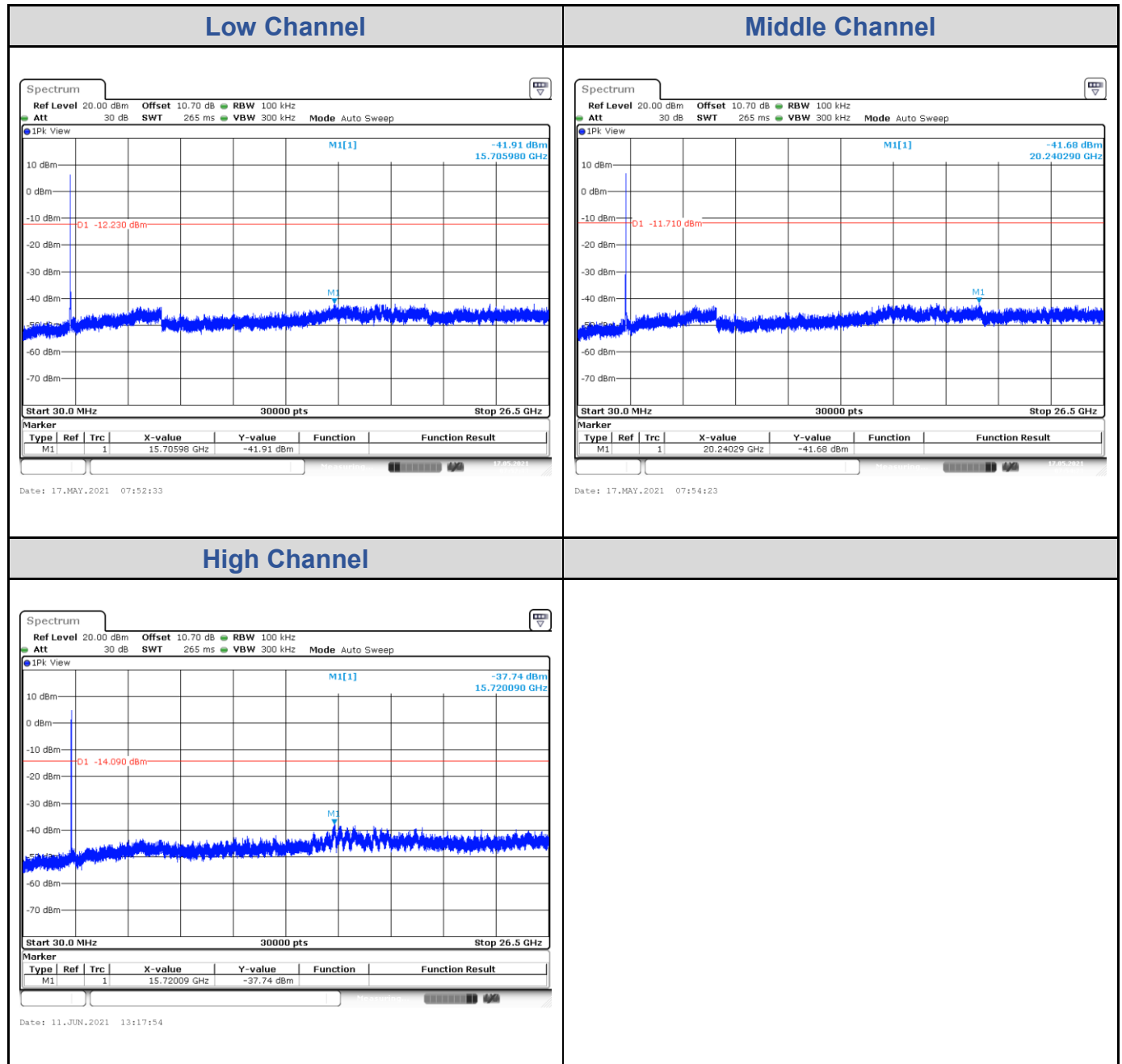
<Chain 0>



&lt;Chain 1&gt;

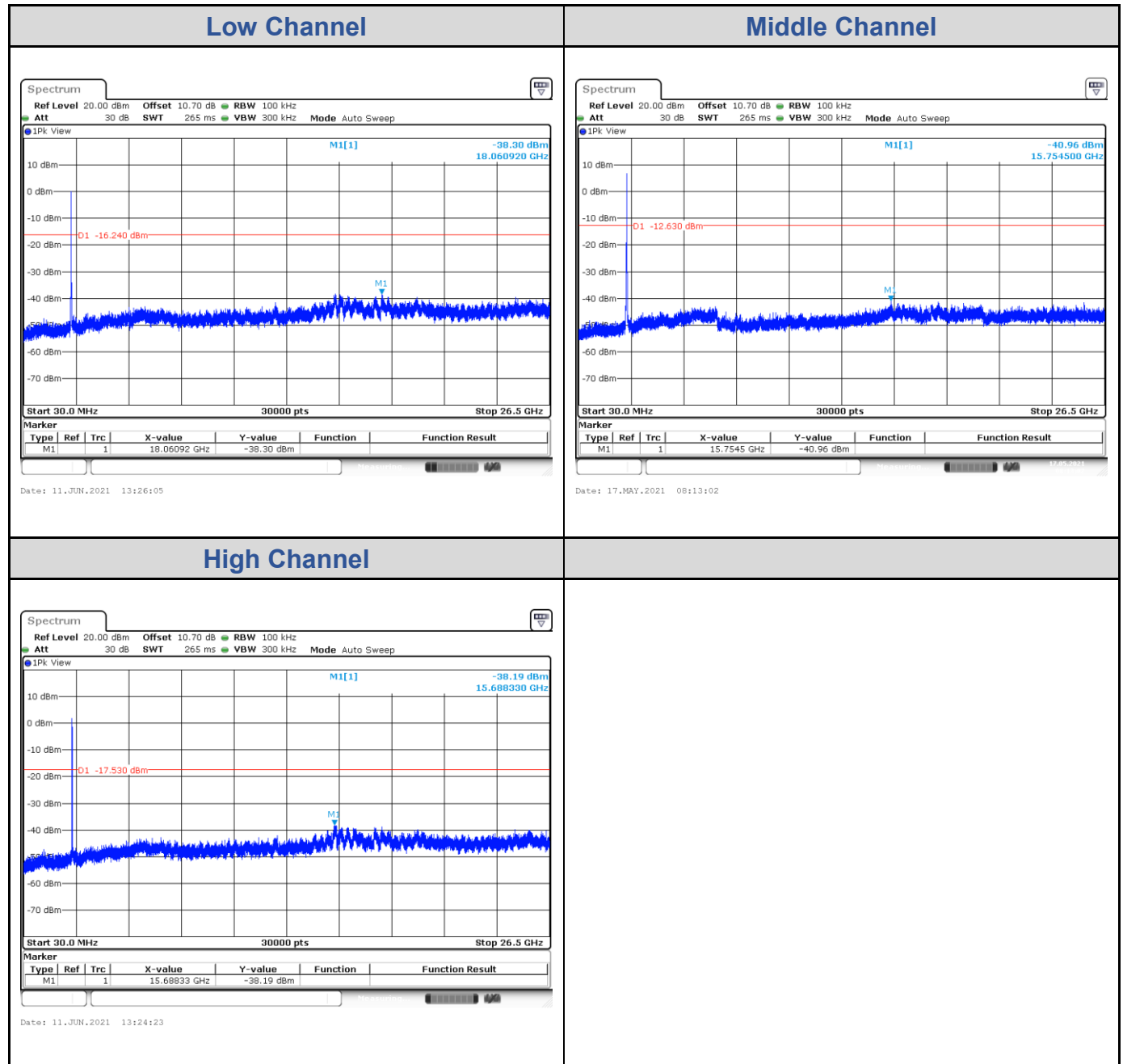
### Low Channel

### Middle Channel



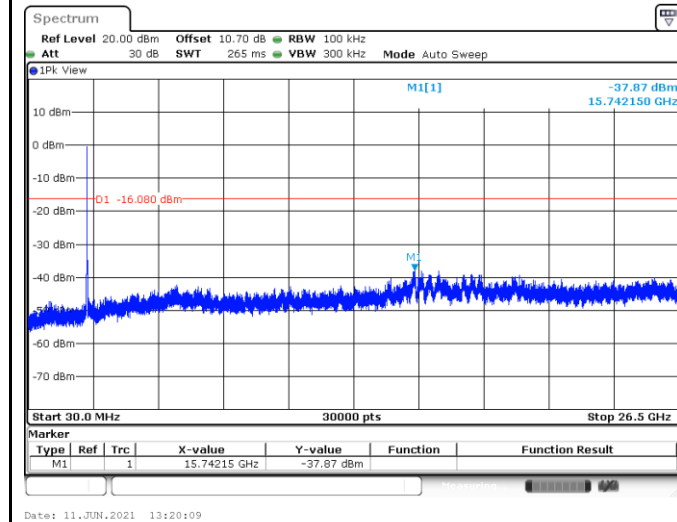
**802.11g: 2TX**

&lt;Chain 0&gt;

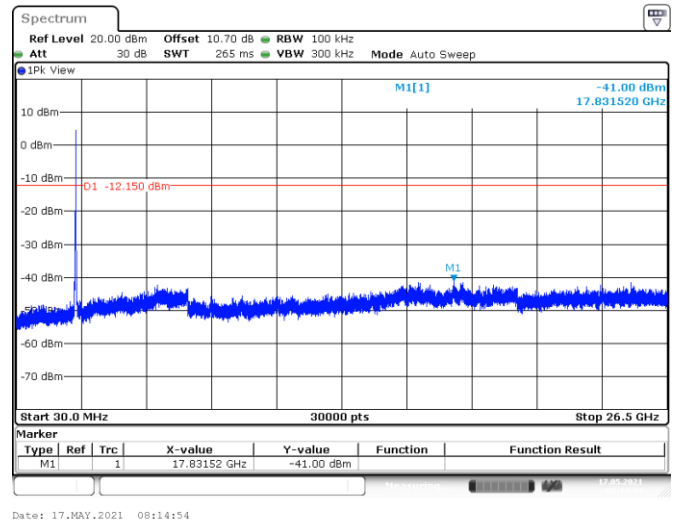
**Low Channel**
**Middle Channel**


&lt;Chain 1&gt;

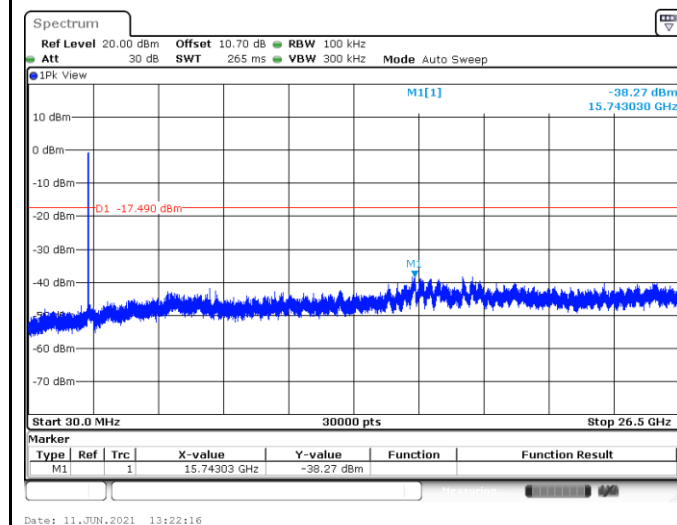
### Low Channel



### Middle Channel

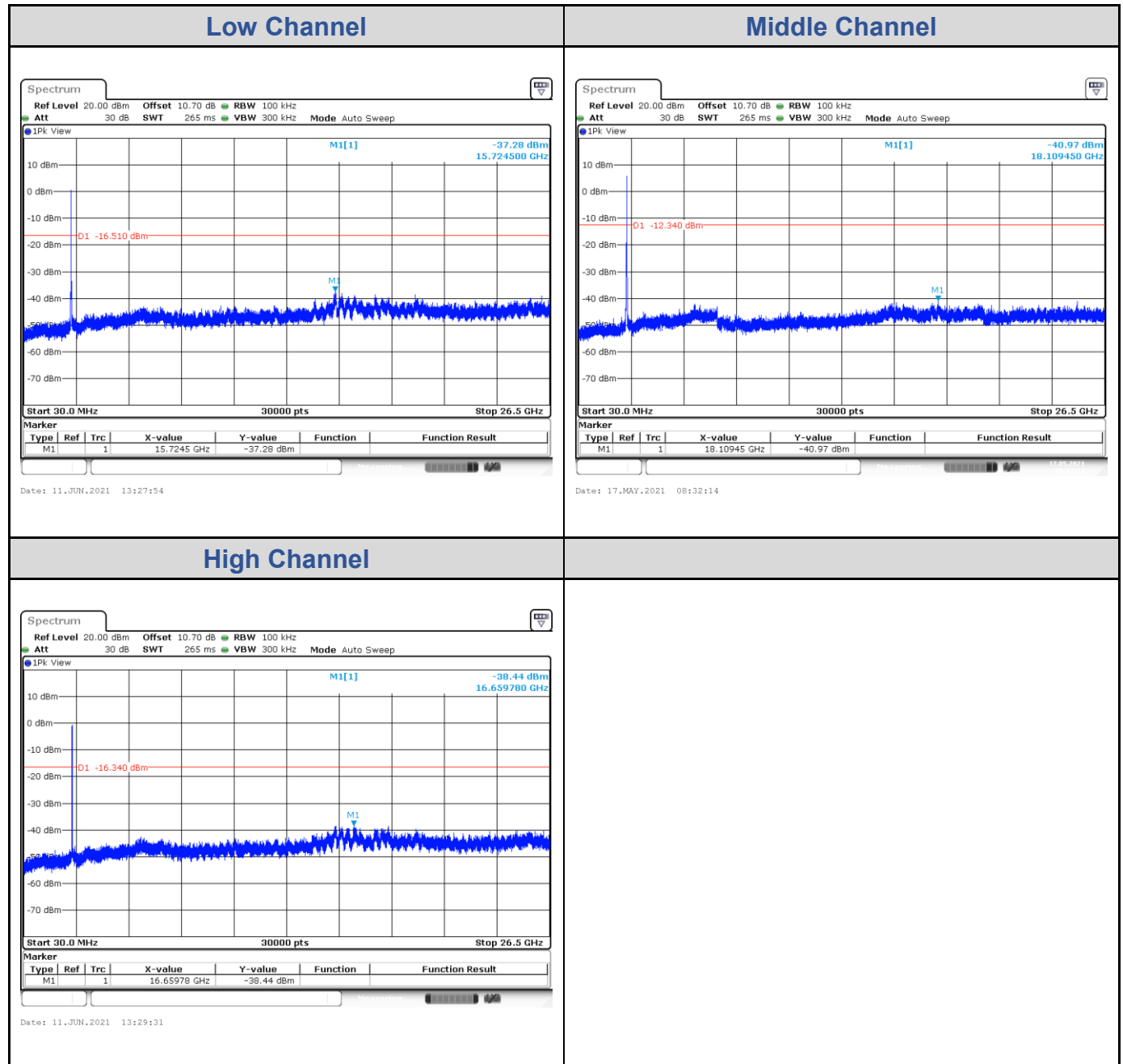


### High Channel



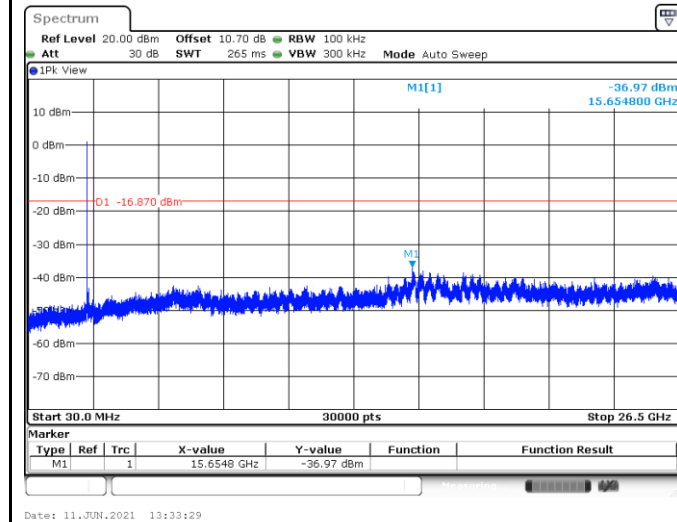
**802.11n HT20: 2TX**

&lt;Chain 0&gt;

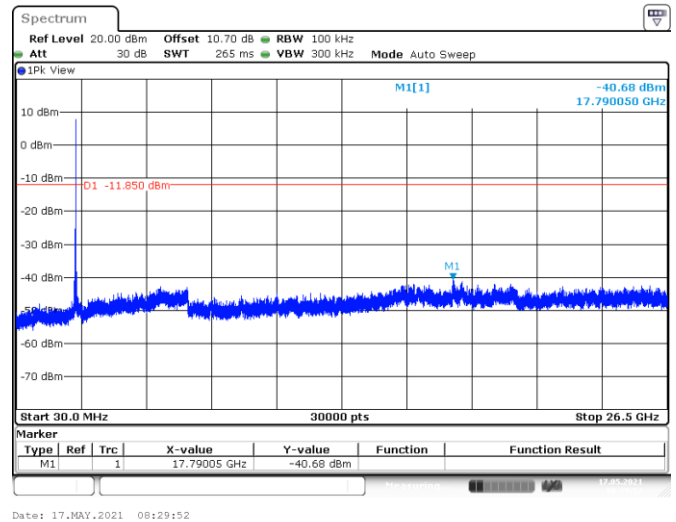
**Low Channel**
**Middle Channel**


&lt;Chain 1&gt;

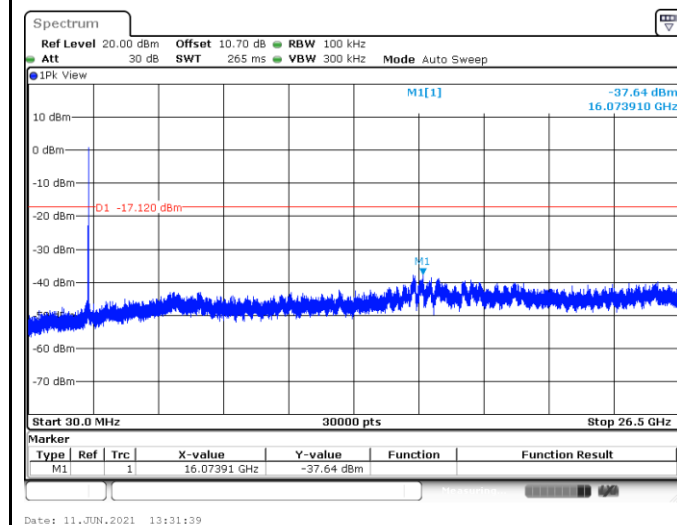
### Low Channel



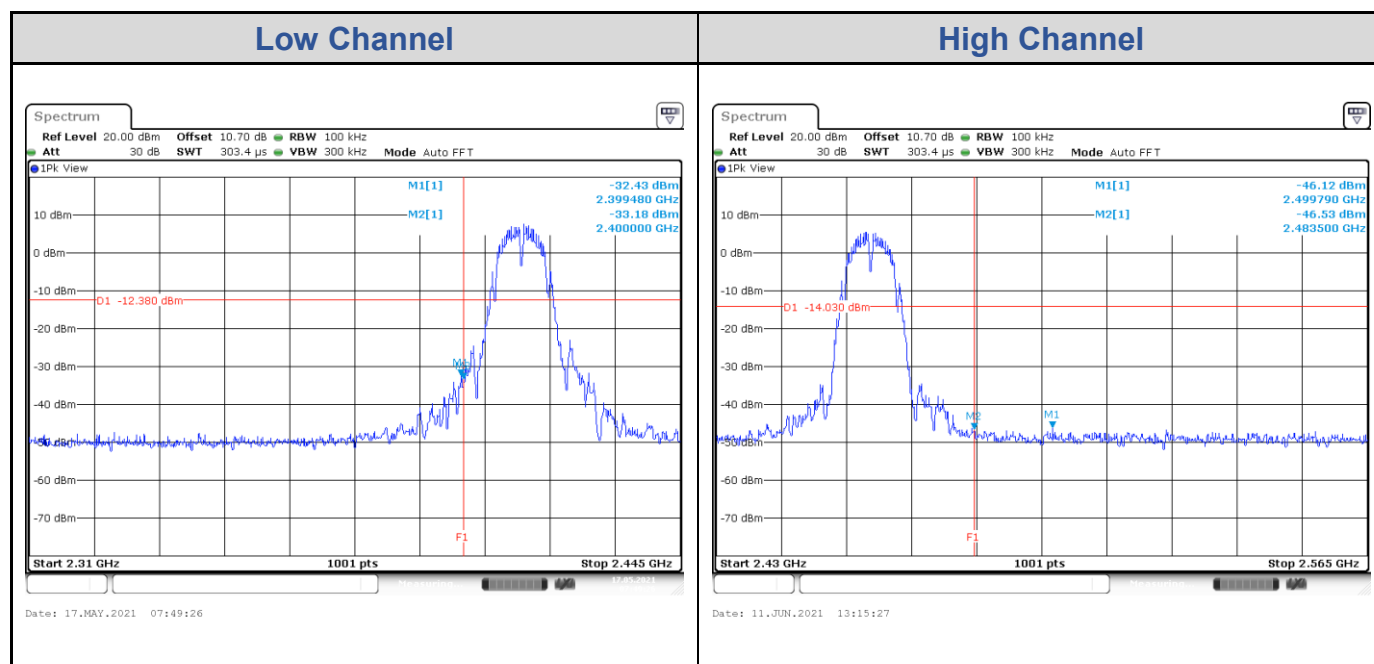
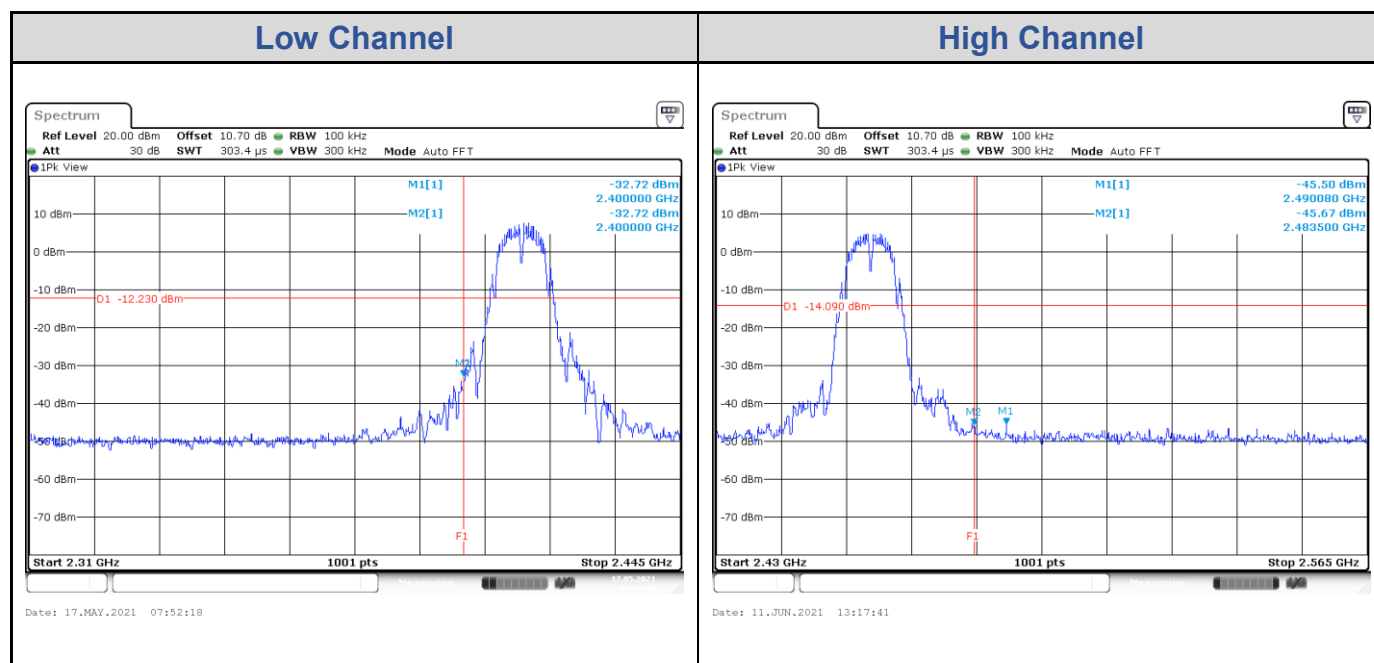
### Middle Channel



### High Channel

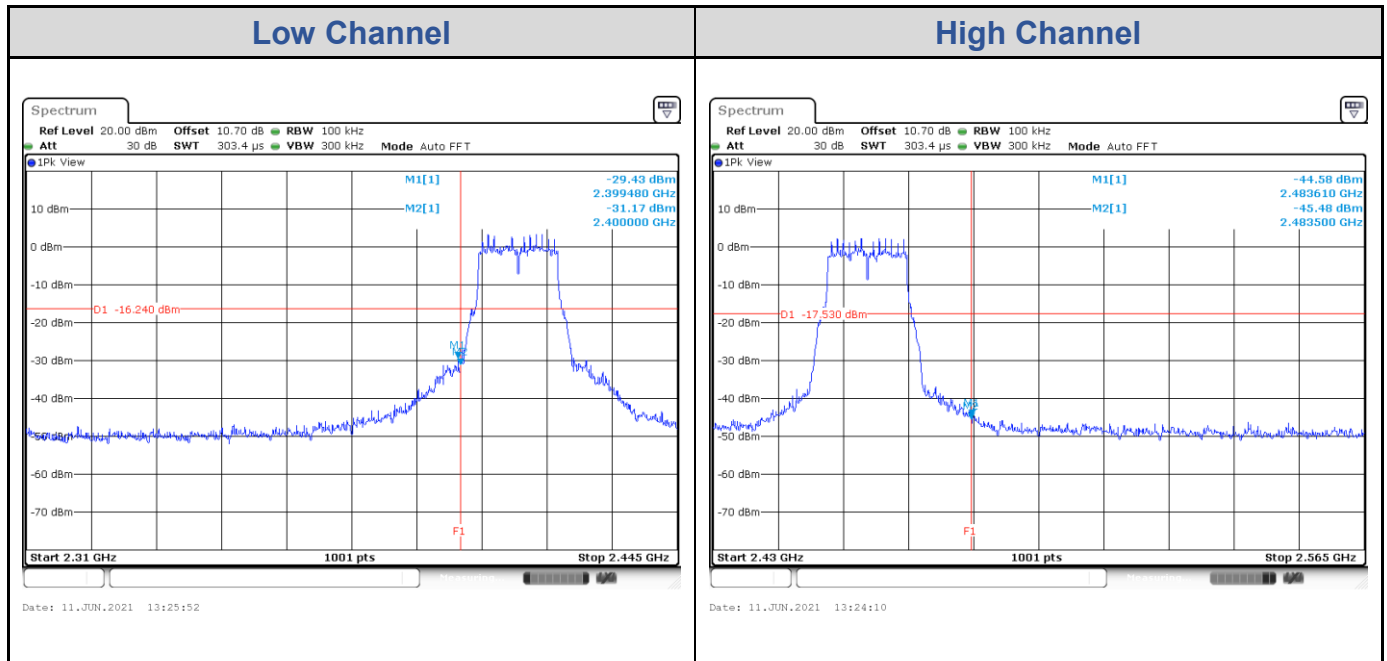


## Test Result of Conducted Bandedge, Tx Mode

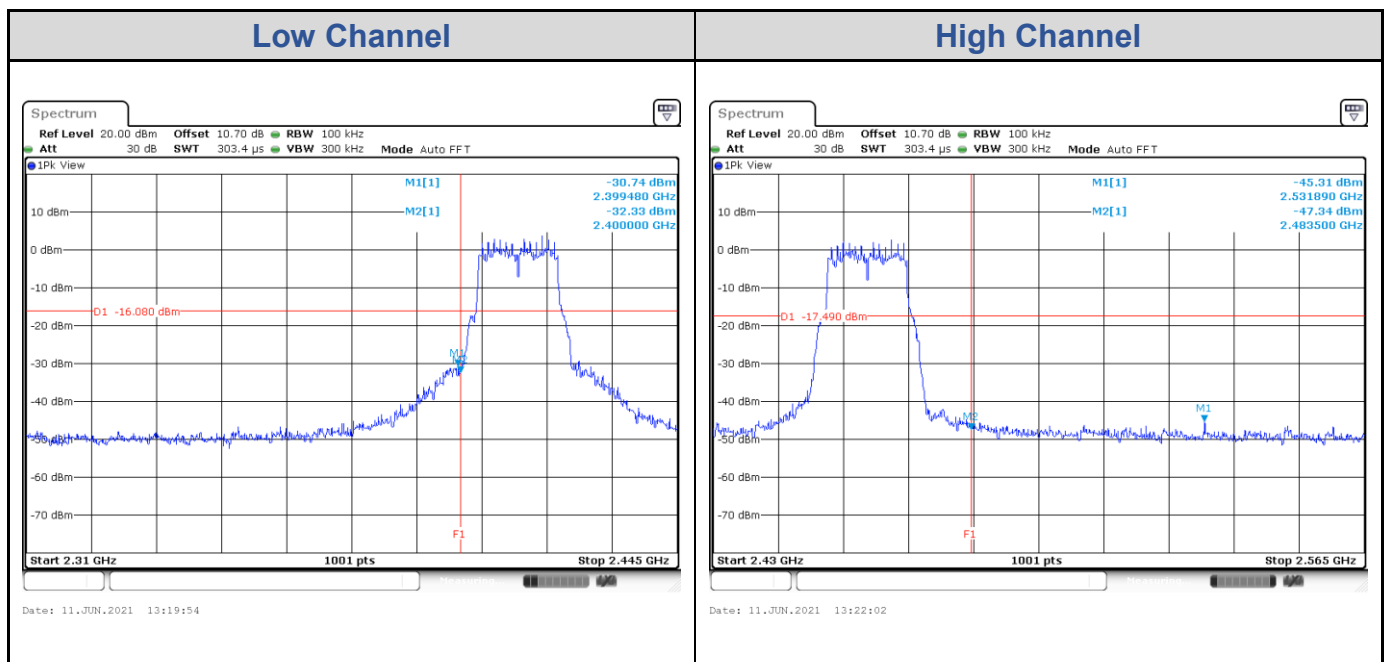
**802.11b: 2TX**
**<Chain 0>**

**<Chain 1>**


**802.11g**

<Chain 0>

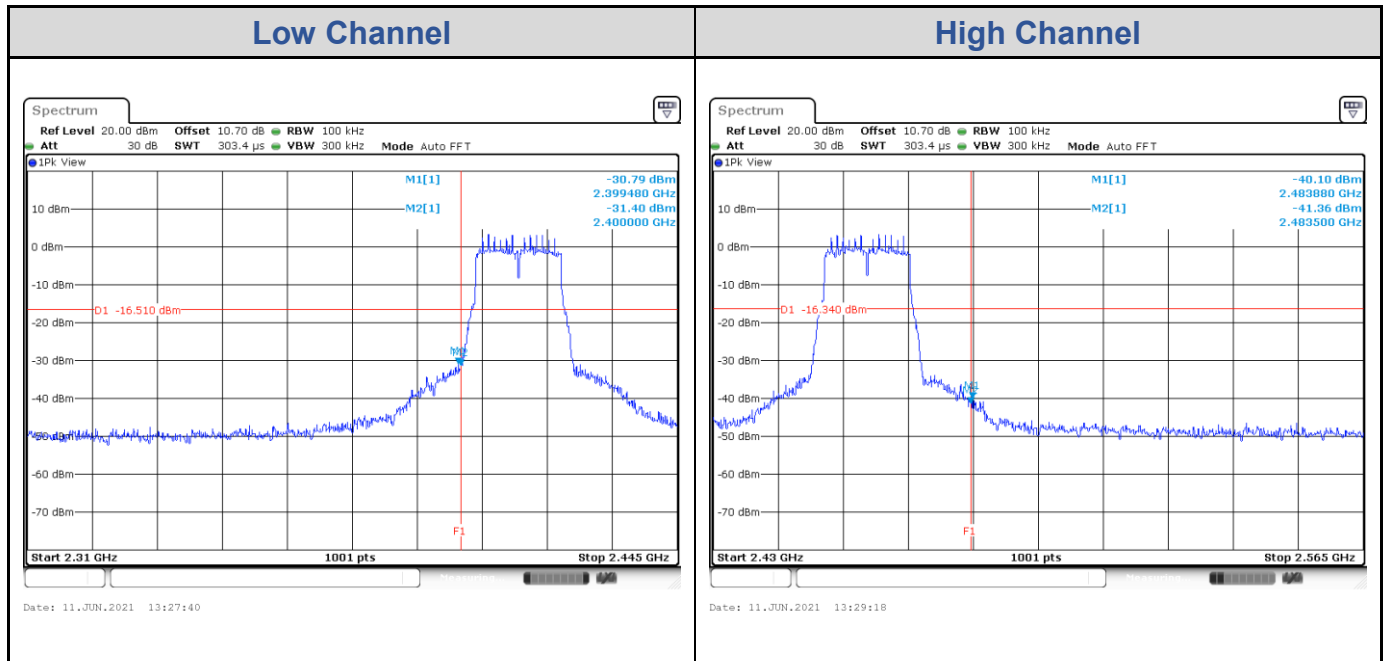


<Chain 1>



## 802.11n HT20: 2TX

<Chain 0>



<Chain 1>

