

## Appendix E. Duty Cycle Plots

### <STBC Mode>

| Antenna     | Band                           | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting | Duty Factor(dB) |
|-------------|--------------------------------|---------------|-------|----------|-------------|-----------------|
| 10+11+12+13 | 802.11a for Ant. 10            | 93.68         | 1571  | 0.64     | 1kHz        | 0.28            |
| 10+11+12+13 | 802.11a for Ant. 11            | 91.88         | 1562  | 0.64     | 1kHz        | 0.37            |
| 10+11+12+13 | 802.11a for Ant. 12            | 92.24         | 1568  | 0.64     | 1kHz        | 0.35            |
| 10+11+12+13 | 802.11a for Ant. 13            | 93.51         | 1556  | 0.64     | 1kHz        | 0.29            |
| 10+11+12+13 | 5GHz 802.11ax HE20 for Ant. 10 | 95.61         | 5230  | 0.19     | 300Hz       | 0.19            |
| 10+11+12+13 | 5GHz 802.11ax HE20 for Ant. 11 | 93.91         | 5240  | 0.19     | 300Hz       | 0.27            |
| 10+11+12+13 | 5GHz 802.11ax HE20 for Ant. 12 | 95.26         | 5230  | 0.19     | 300Hz       | 0.21            |
| 10+11+12+13 | 5GHz 802.11ax HE20 for Ant. 13 | 94.22         | 5220  | 0.19     | 300Hz       | 0.26            |
| 10+11+12+13 | 5GHz 802.11ax HE40 for Ant. 10 | 93.86         | 5200  | 0.19     | 300Hz       | 0.28            |
| 10+11+12+13 | 5GHz 802.11ax HE40 for Ant. 11 | 94.89         | 5200  | 0.19     | 300Hz       | 0.23            |
| 10+11+12+13 | 5GHz 802.11ax HE40 for Ant. 12 | 95.60         | 5220  | 0.19     | 300Hz       | 0.20            |
| 10+11+12+13 | 5GHz 802.11ax HE40 for Ant. 13 | 95.80         | 5250  | 0.19     | 300Hz       | 0.19            |
| 10+11+12+13 | 5GHz 802.11ax HE80 for Ant. 10 | 95.43         | 5220  | 0.19     | 300Hz       | 0.20            |
| 10+11+12+13 | 5GHz 802.11ax HE80 for Ant. 11 | 94.27         | 5260  | 0.19     | 300Hz       | 0.26            |
| 10+11+12+13 | 5GHz 802.11ax HE80 for Ant. 12 | 95.07         | 5210  | 0.19     | 300Hz       | 0.22            |
| 10+11+12+13 | 5GHz 802.11ax HE80 for Ant. 13 | 95.60         | 5220  | 0.19     | 300Hz       | 0.20            |

### <TXBF Mode>

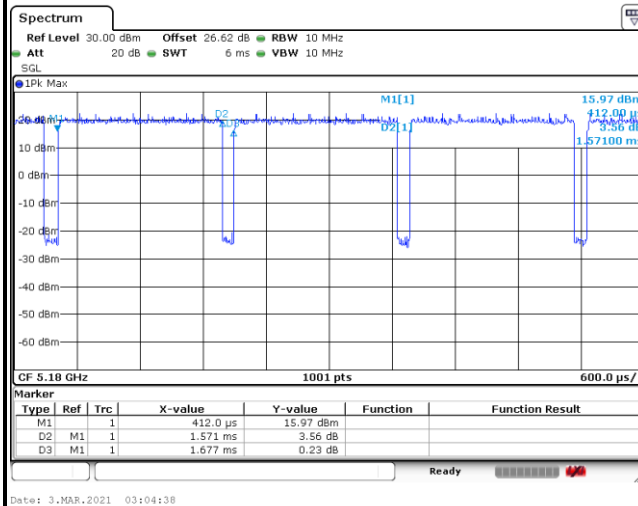
| Antenna     | Band               | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting | Duty Factor(dB) |
|-------------|--------------------|---------------|-------|----------|-------------|-----------------|
| 10+11+12+13 | 5GHz 802.11ax HE20 | 88.34         | 1780  | 0.56     | 1kHz        | 0.54            |
| 10+11+12+13 | 5GHz 802.11ax HE40 | 74.53         | 1770  | 0.56     | 1kHz        | 1.28            |
| 10+11+12+13 | 5GHz 802.11ax HE80 | 84.54         | 1695  | 0.59     | 1kHz        | 0.73            |



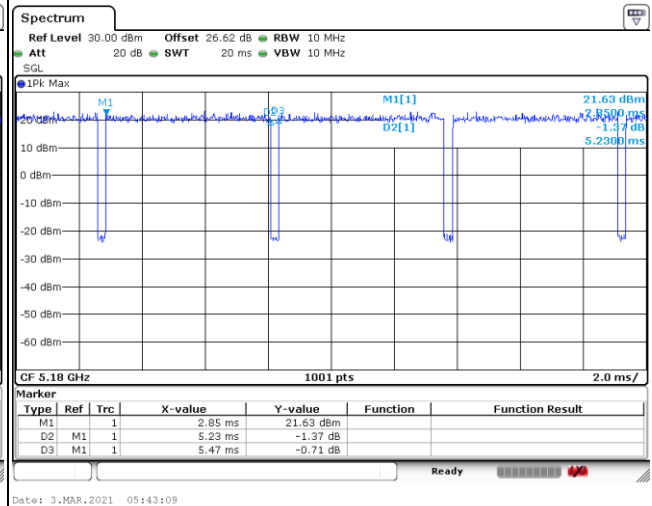
&lt;STBC Mode&gt;

MIMO&lt;Ant. 10&gt;

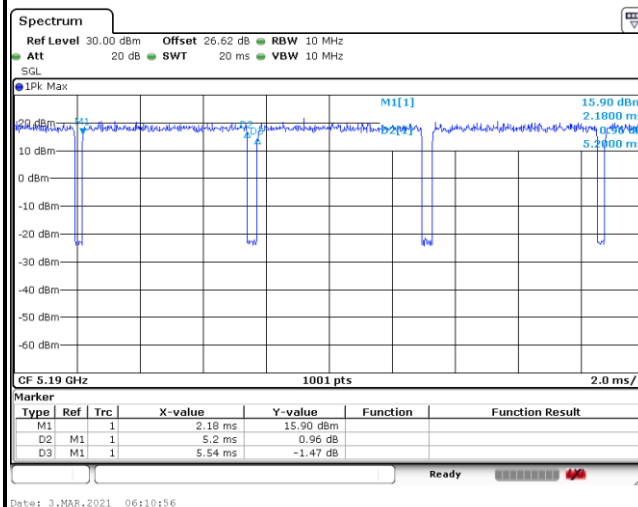
## 802.11a



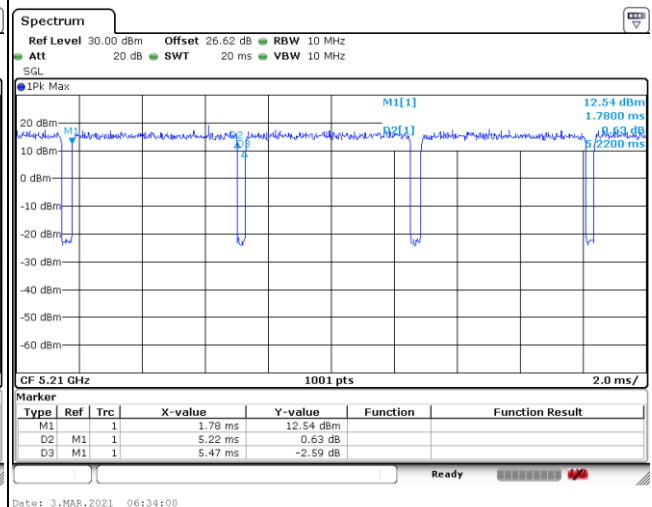
## 802.11ax HE20



## 802.11ax HE40



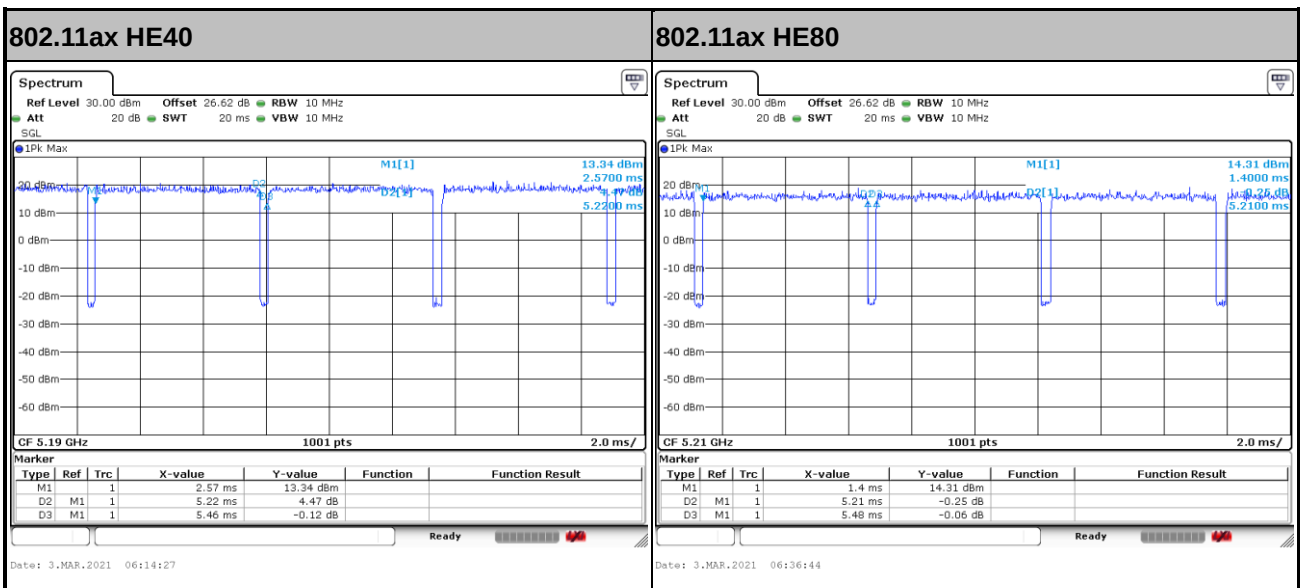
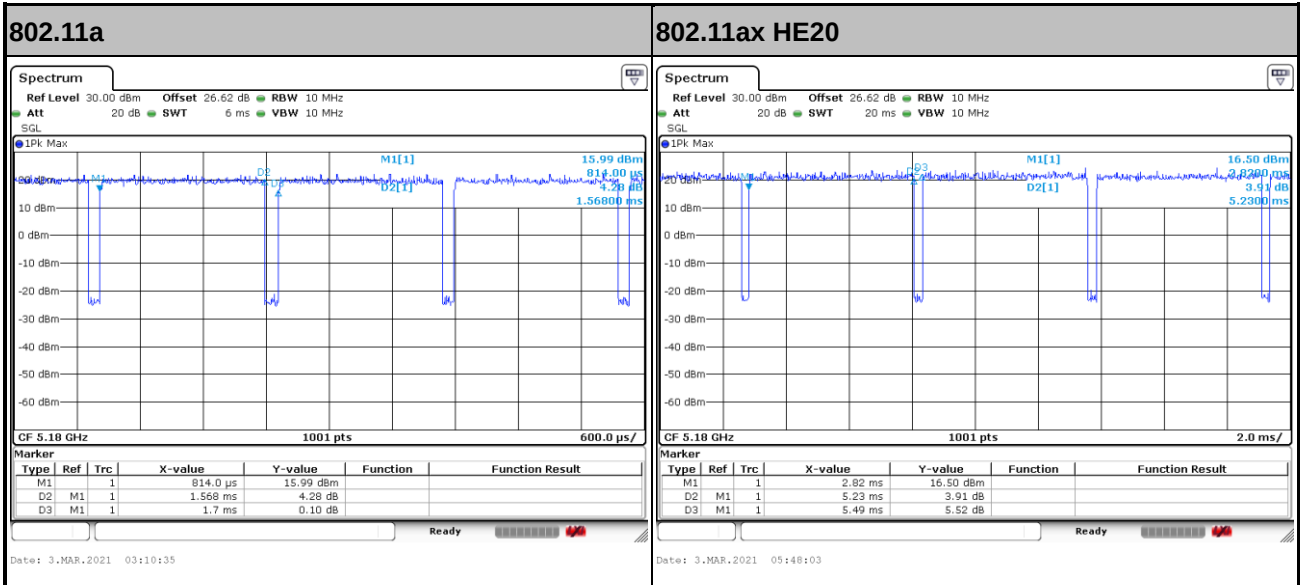
## 802.11ax HE80





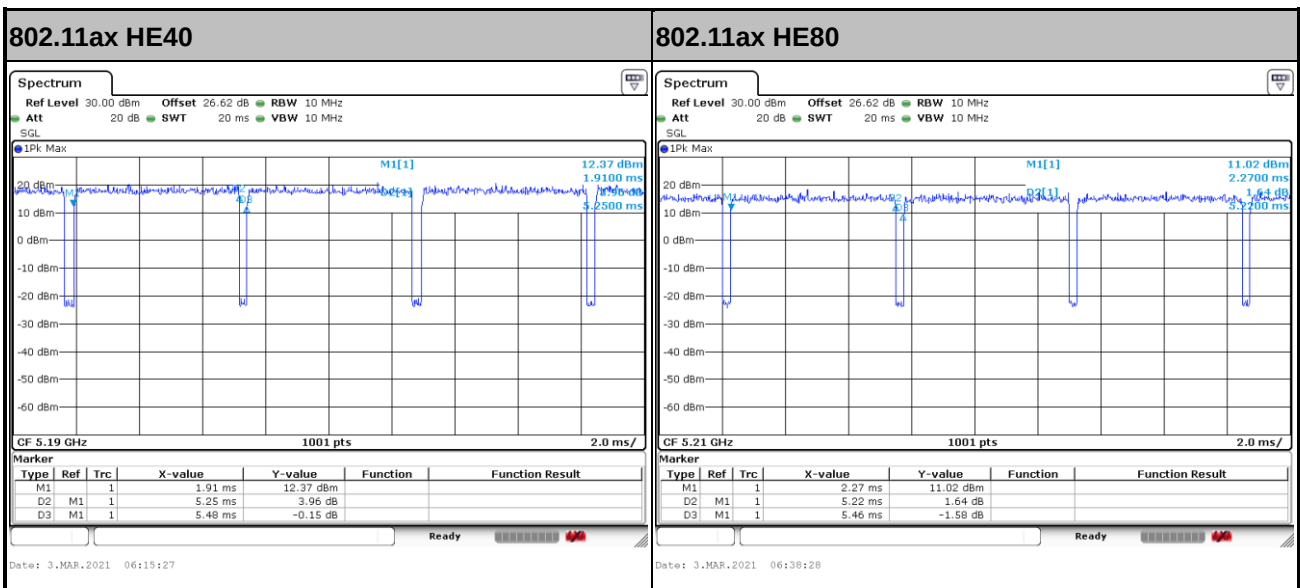
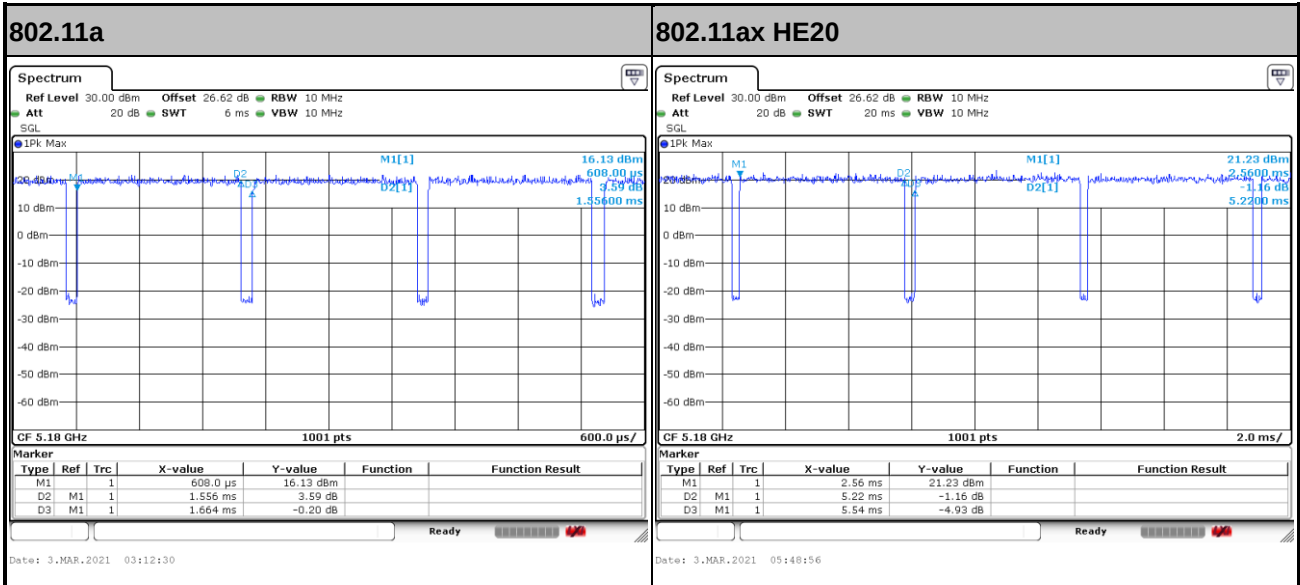


## MIMO&lt;Ant. 12&gt;





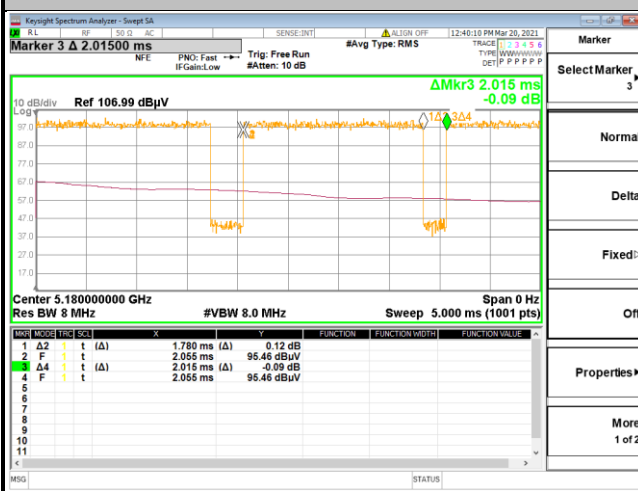
## MIMO&lt;Ant. 13&gt;



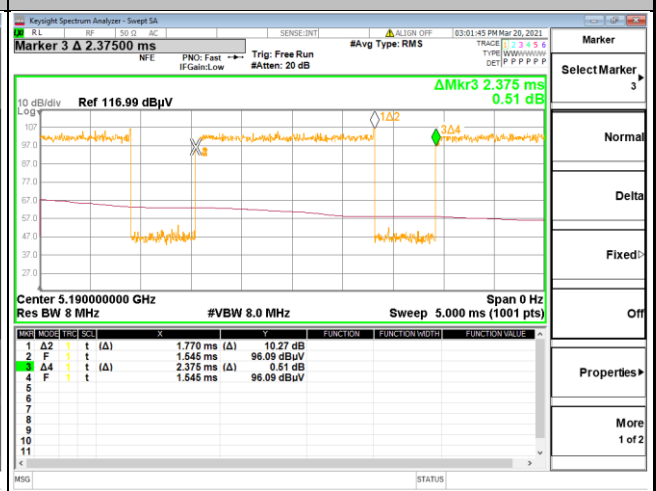


## &lt;TXBF Mode&gt;

## 802.11ax HE20



## 802.11ax HE40



## 802.11ax HE80

