

# Appendix A: FCC & IC Duty Cycle & PSD test plots UNII 802.11ax WLAN

## REPORT REVISION HISTORY

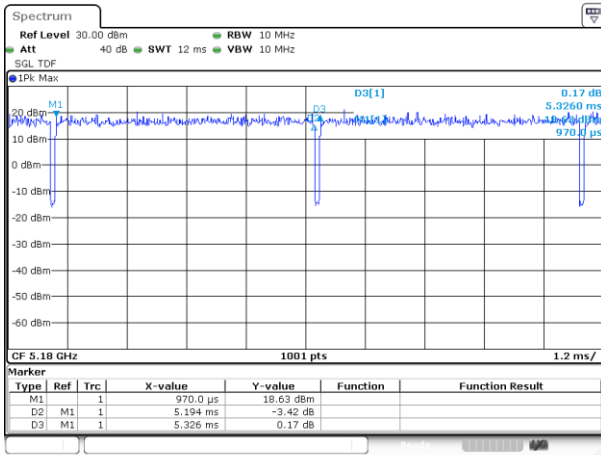
Date	Revision	Page No
2020-10-06	Originally issued	-

**Note:**

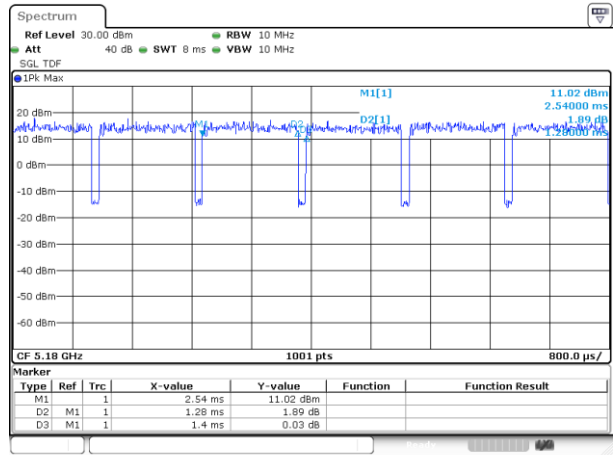
In order to simplify the report, attached plots were only the most lowest data rate.

## Duty cycle MIMO

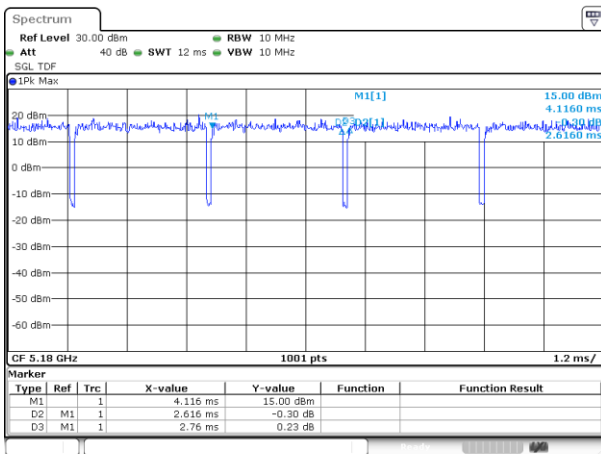
### 802.11ax\_HE20 / 26T



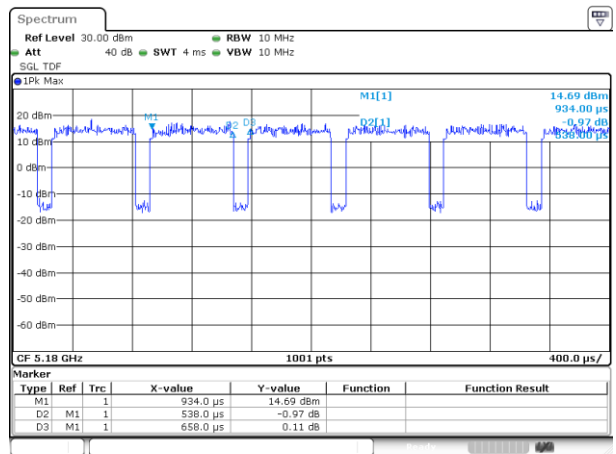
### 802.11ax\_HE20 / 106T



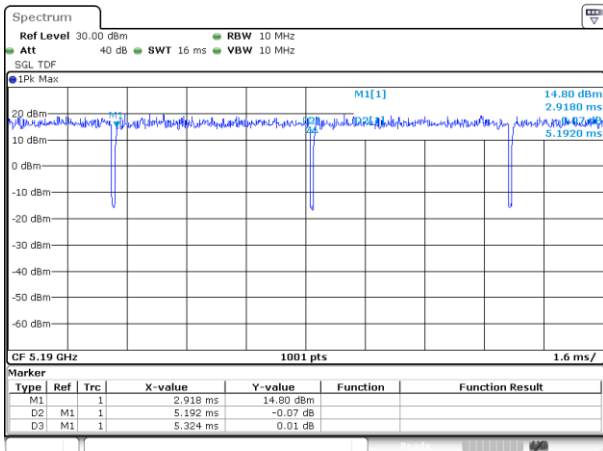
### 802.11ax\_HE20 / 52T



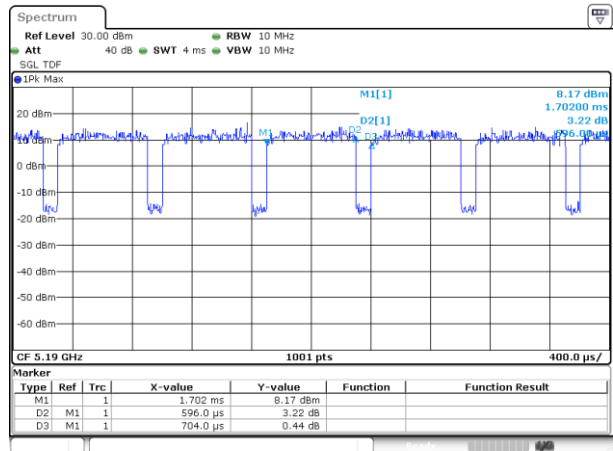
### 802.11ax\_HE20 / SU



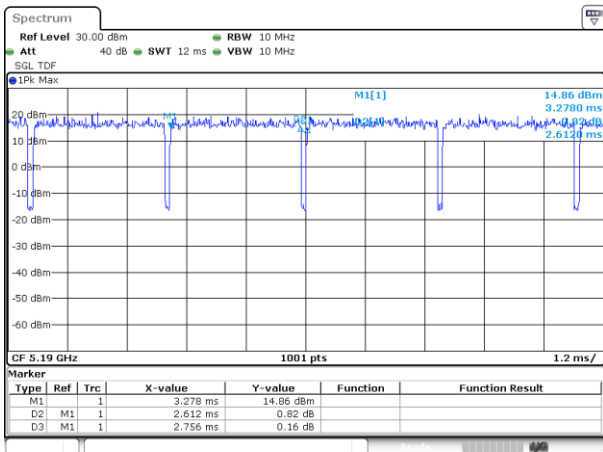
### 802.11ax\_HE40 / 26T



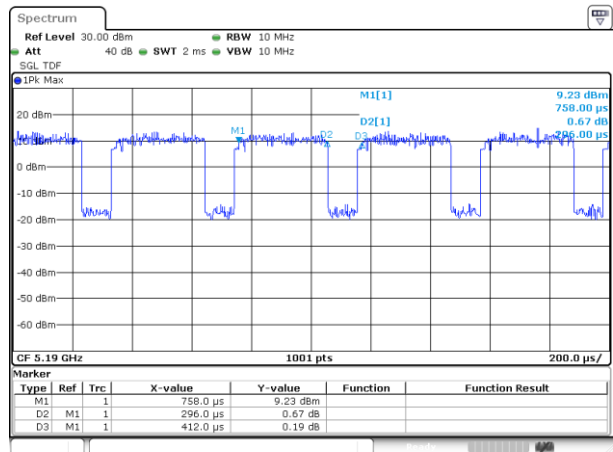
### 802.11ax\_HE40 / 242T



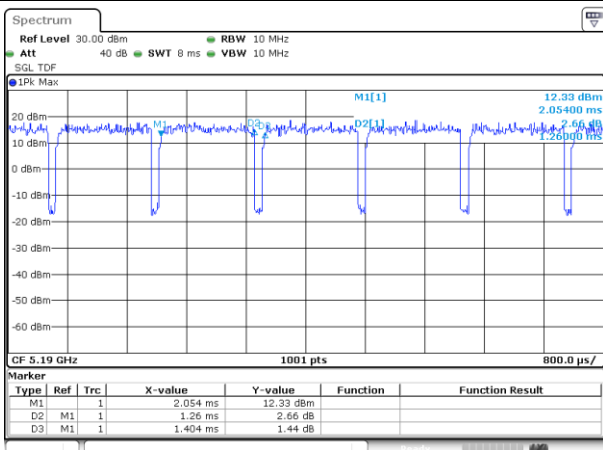
### 802.11ax\_HE40 / 52T



### 802.11ax\_HE40 / SU

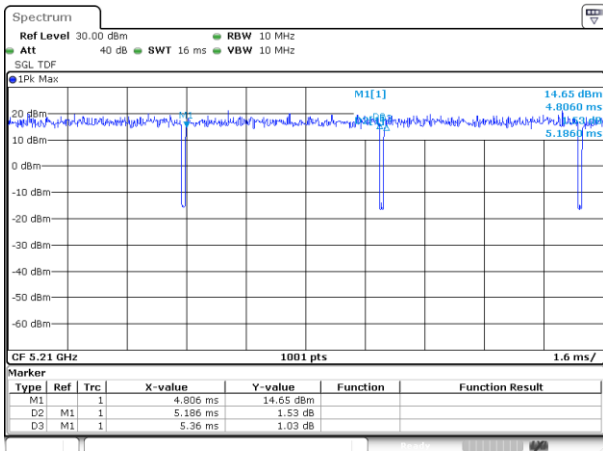


### 802.11ax\_HE40 / 106T

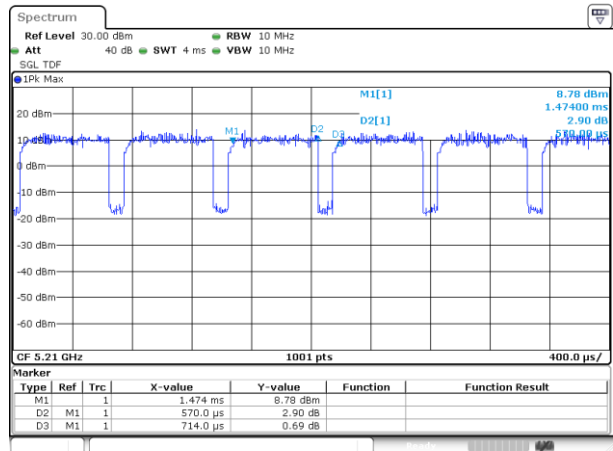


Blank

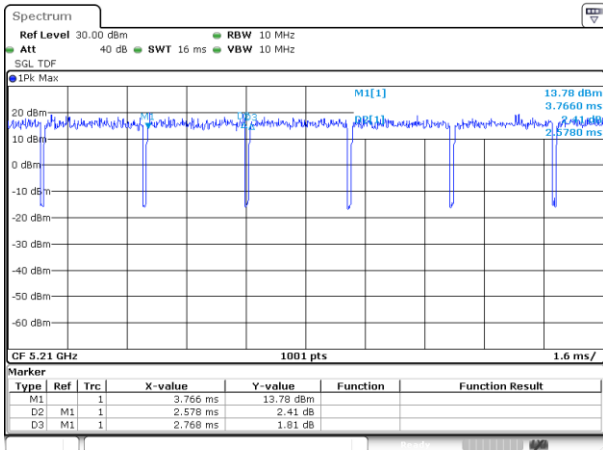
### 802.11ax\_HE80 / 26T



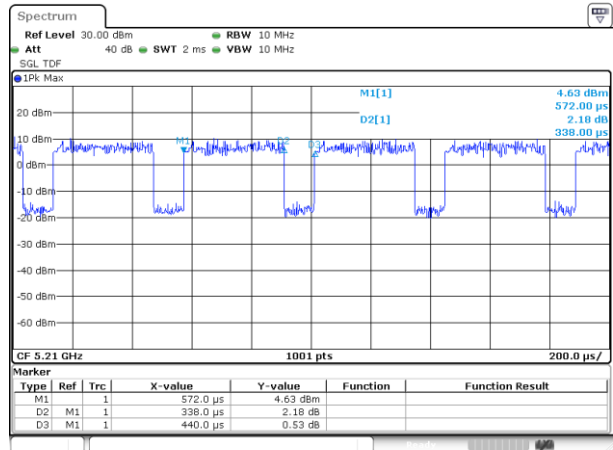
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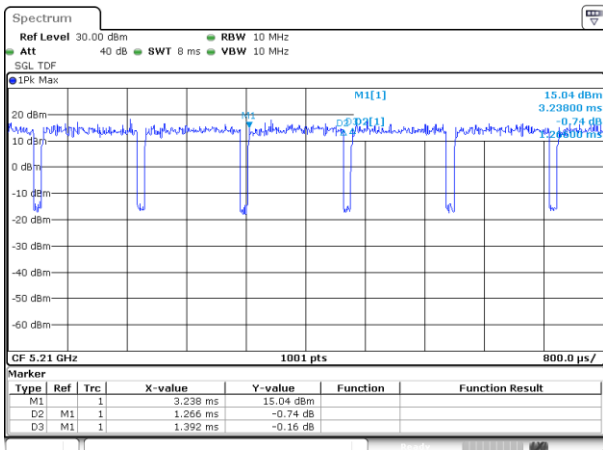
### 802.11ax\_HE80 / 52T



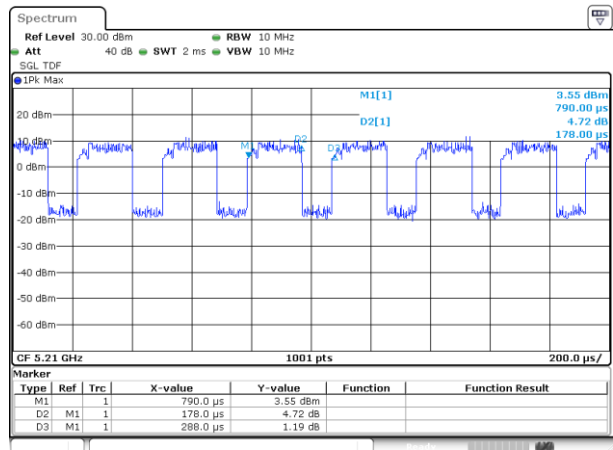
### 802.11ax\_HE80 / 484T



### 802.11ax\_HE80 / 106T

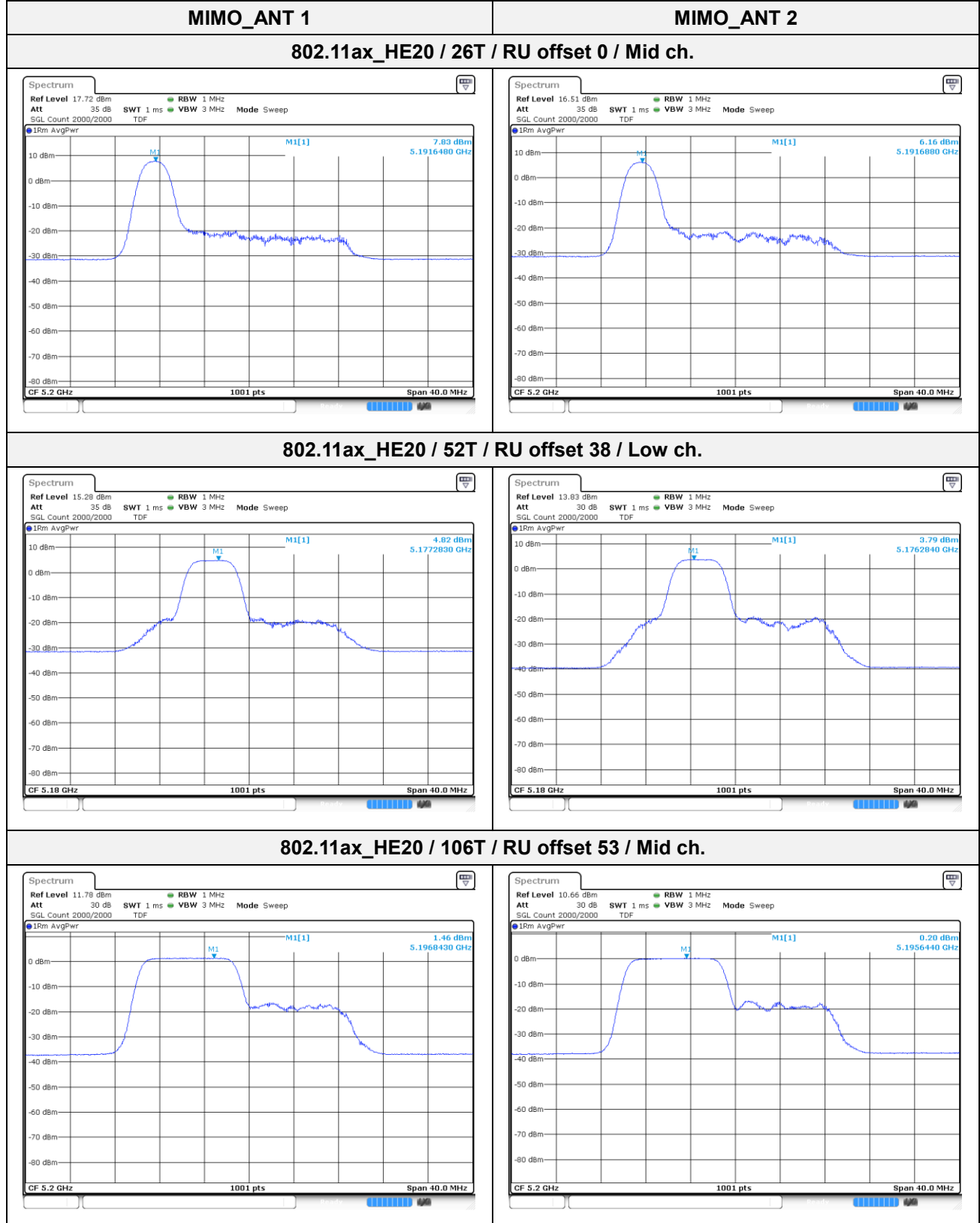


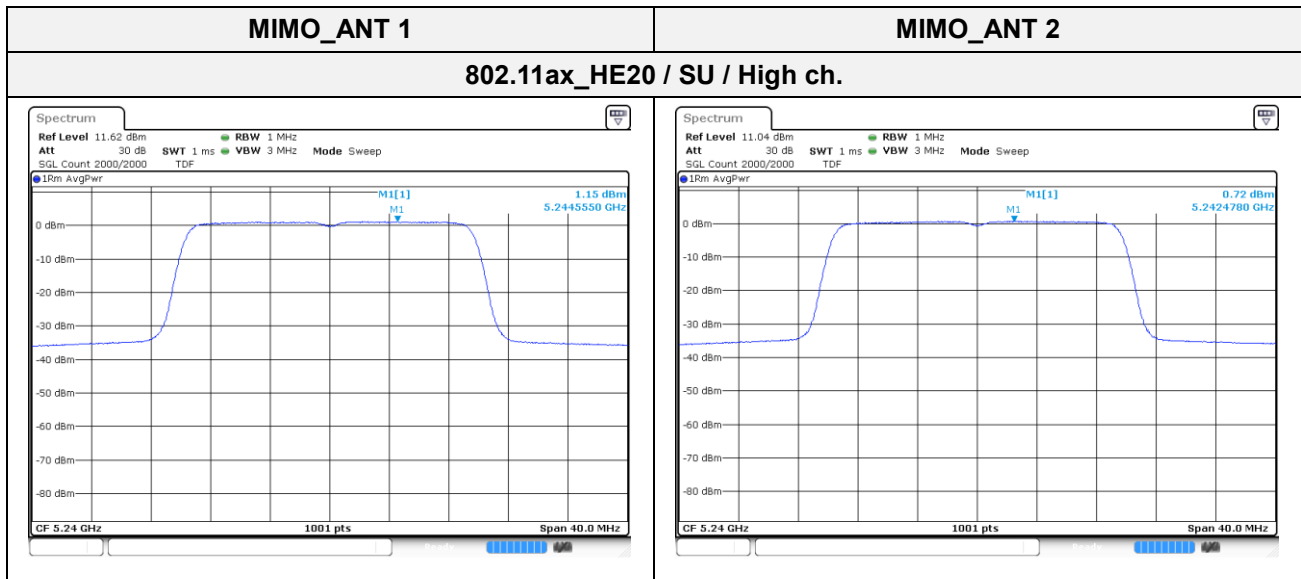
### 802.11ax\_HE80 / SU



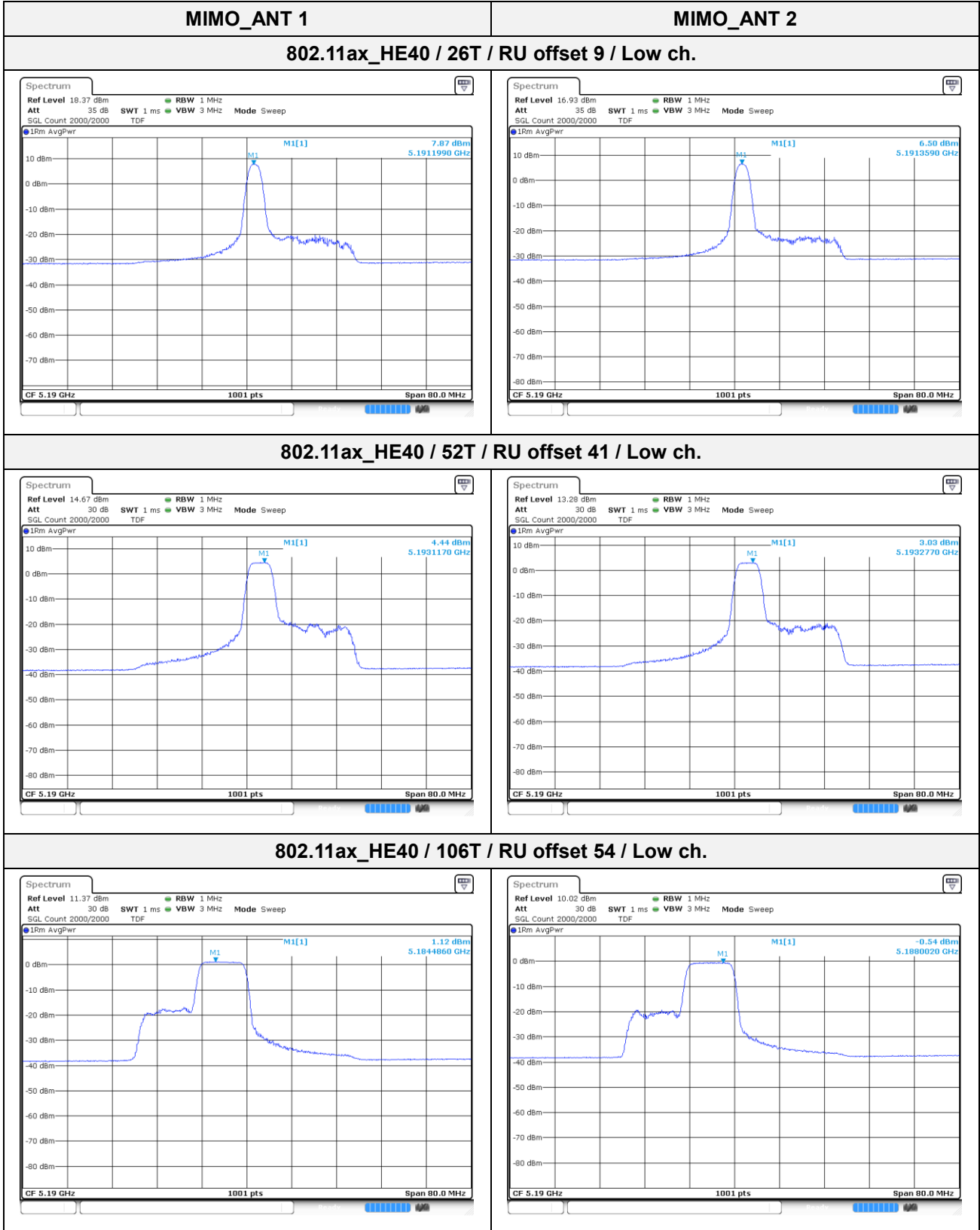
## Maximum power spectral density

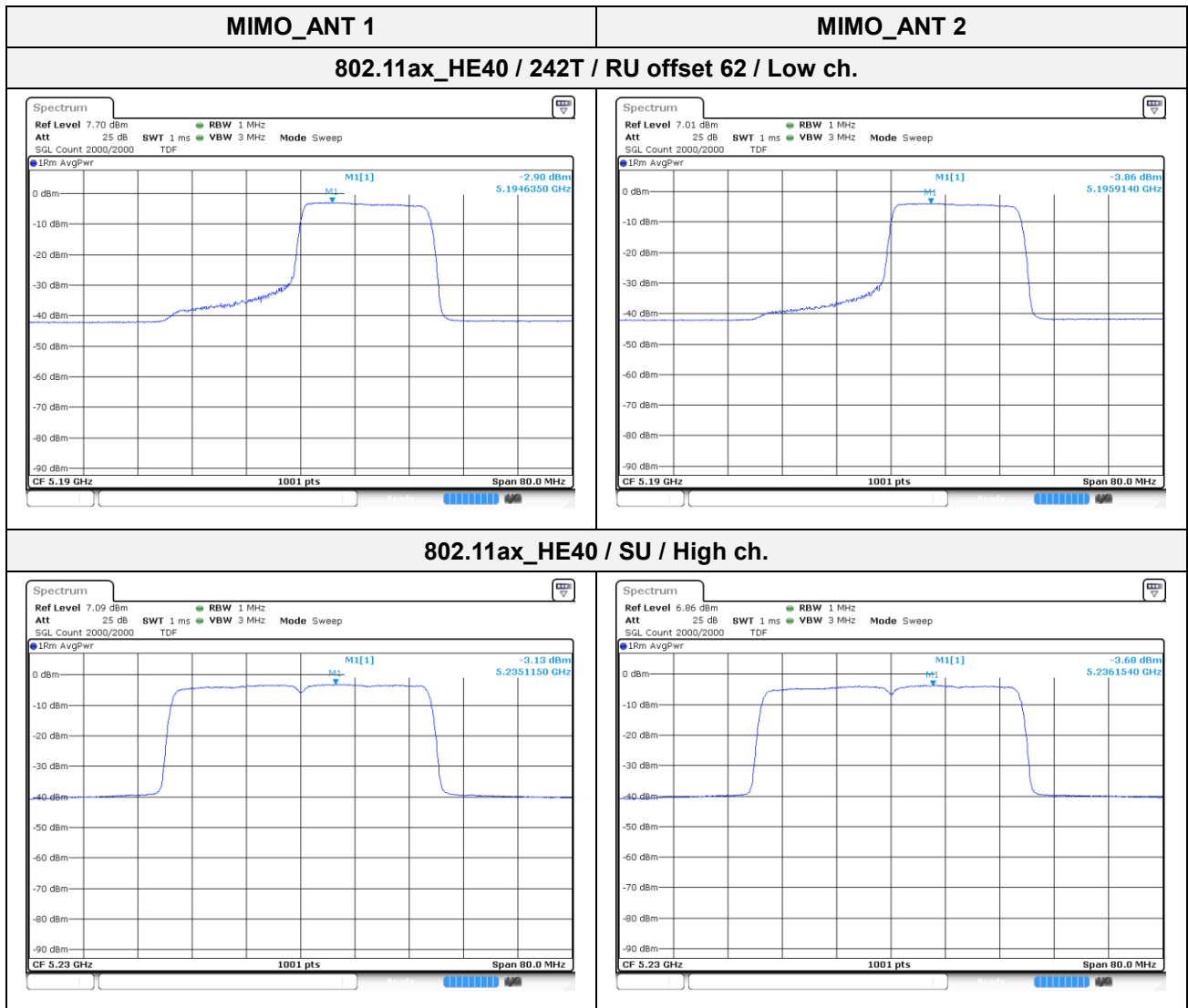
In order to simplify the report, attached plots were only MIMO  
2Tx MIMO\_HE20\_UNII-1 Band





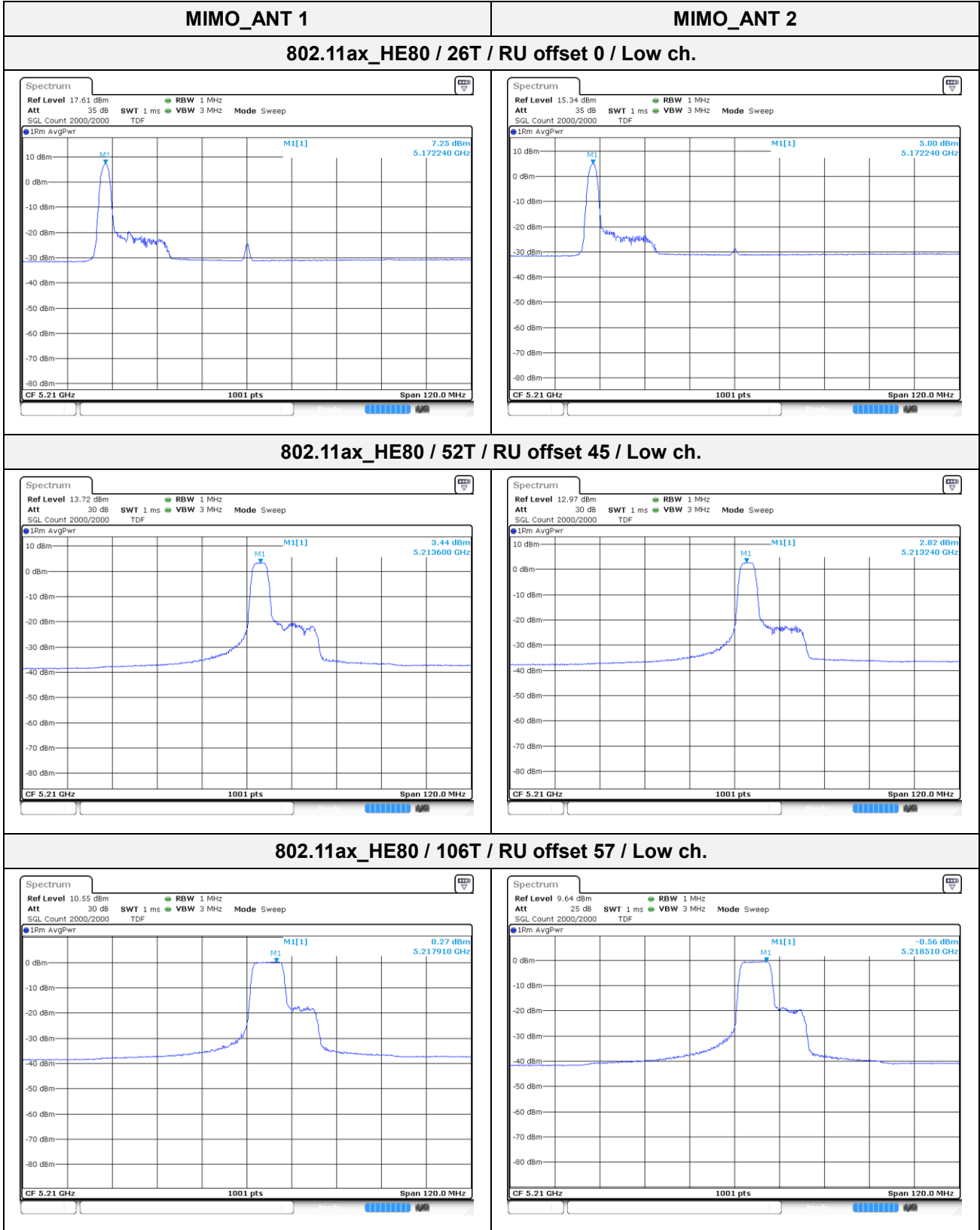
## 2Tx MIMO\_HE40\_UNII-1 Band







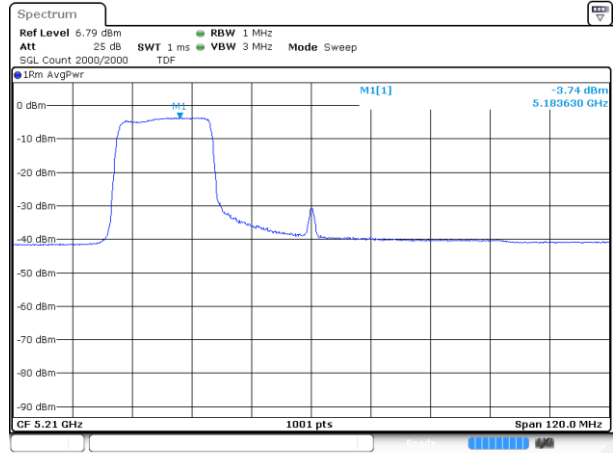
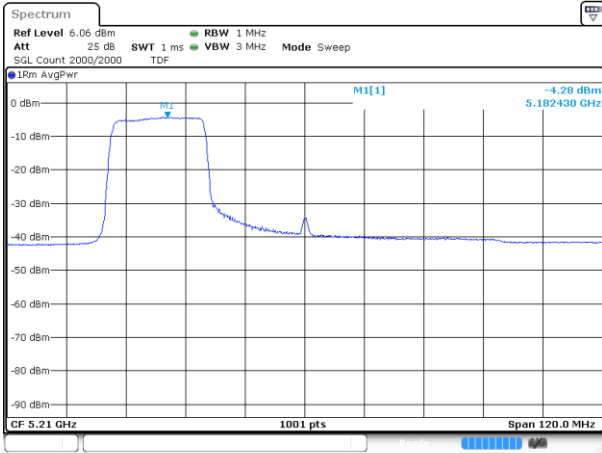
2Tx MIMO\_HE80\_UNII-1 Band



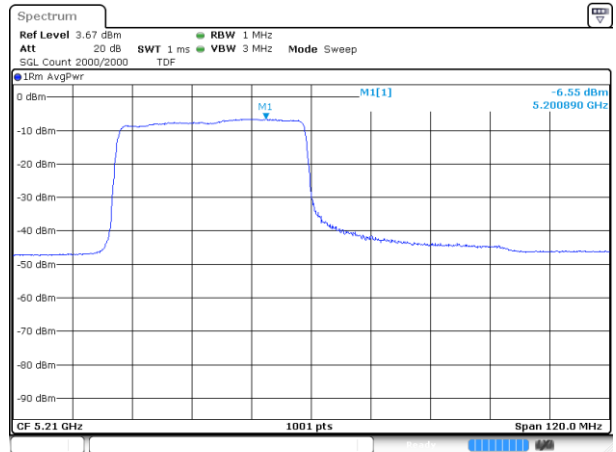
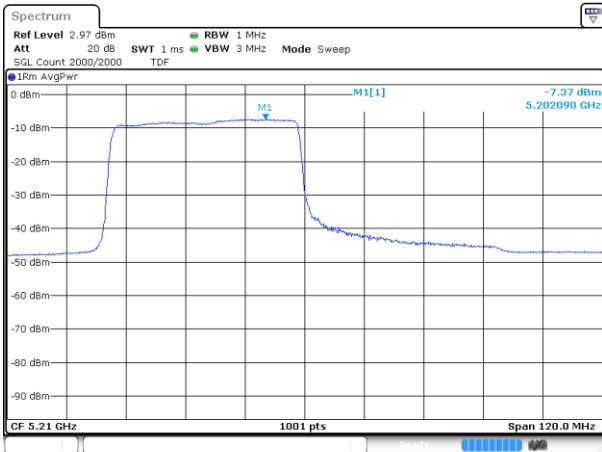
### MIMO\_ANT 1

### MIMO\_ANT 2

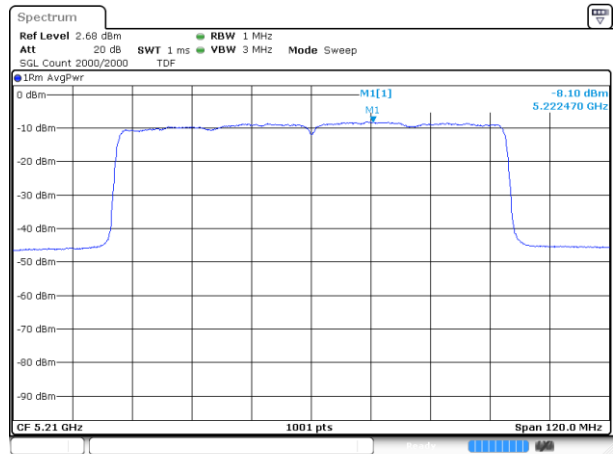
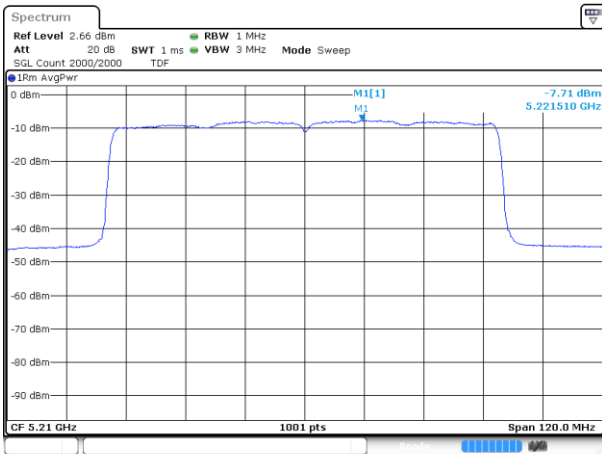
#### 802.11ax\_HE80 / 242T / RU offset 61 / Low ch.



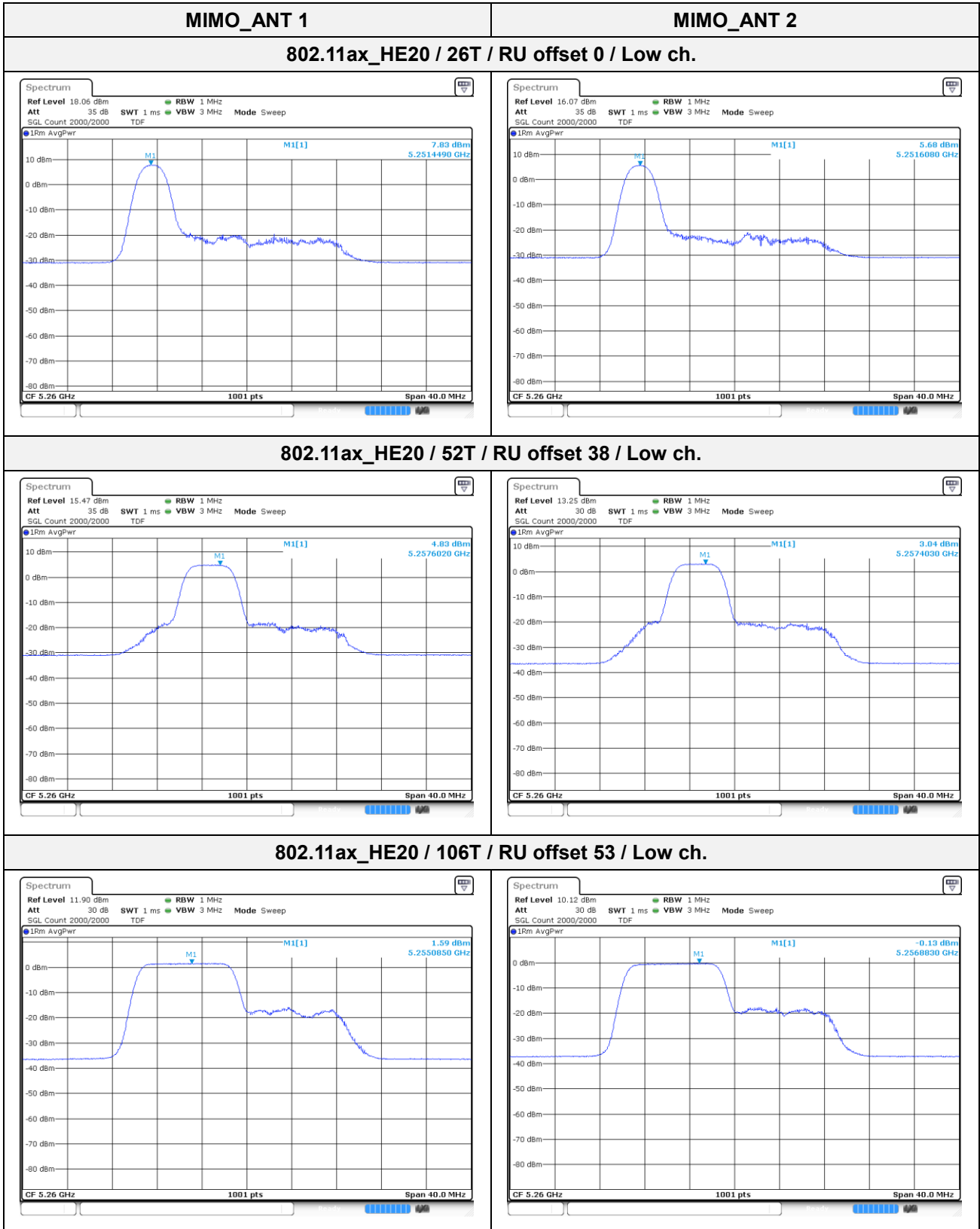
#### 802.11ax\_HE80 / 484T / RU offset 65 / Low ch.

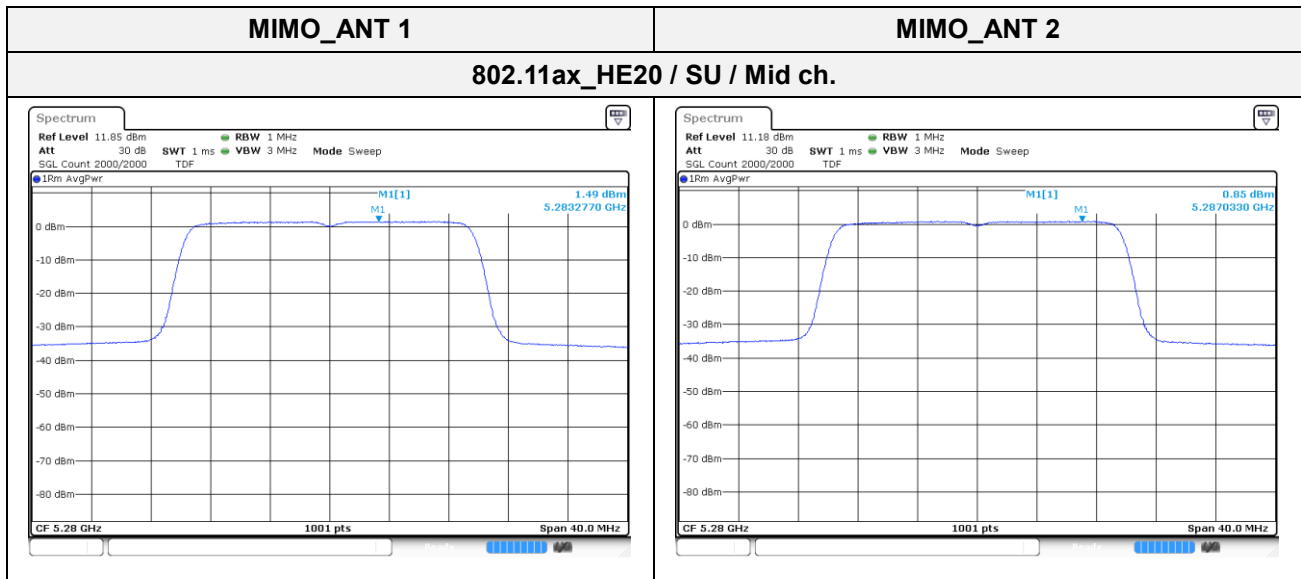


#### 802.11ax\_HE80 / SU / Low ch.

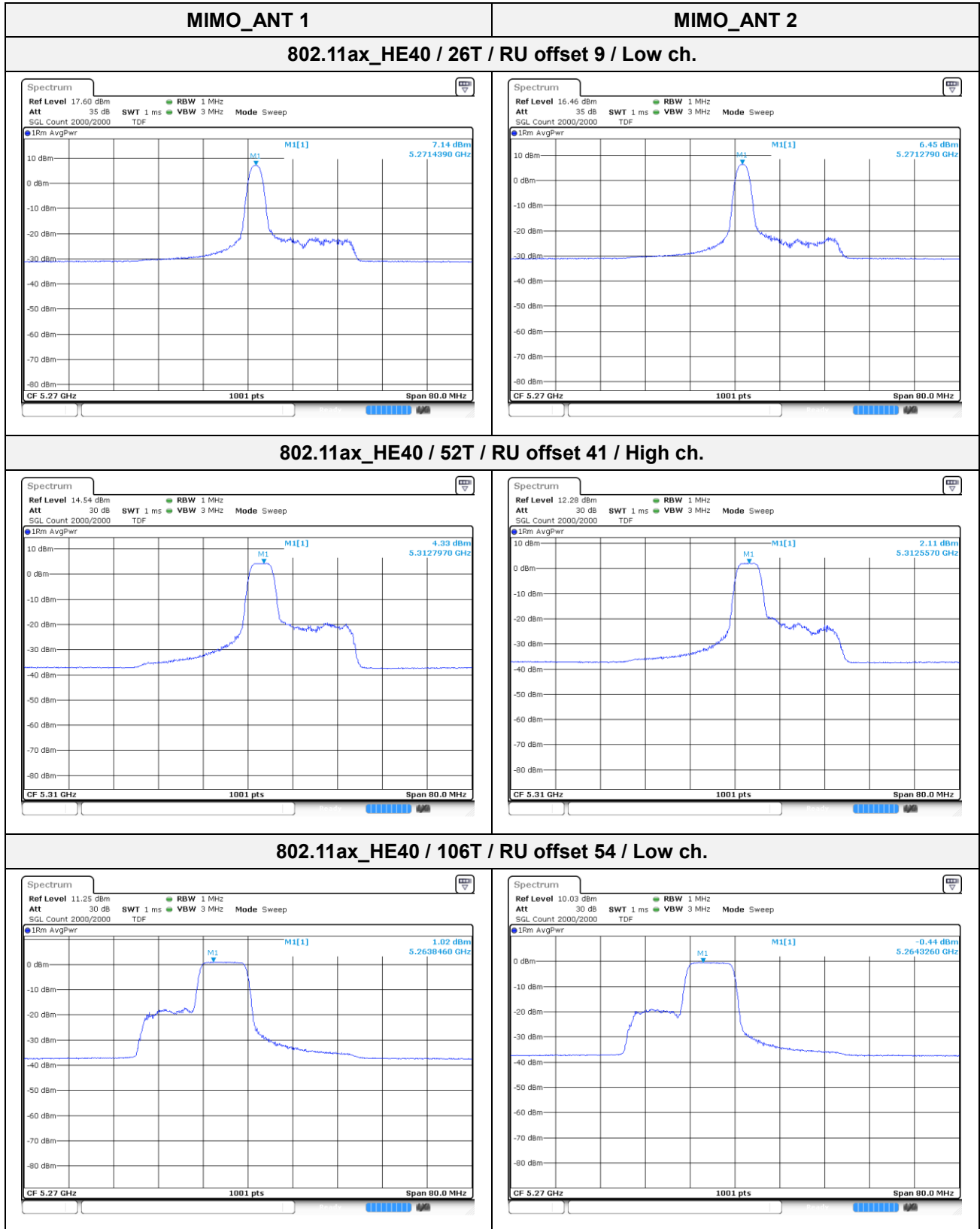


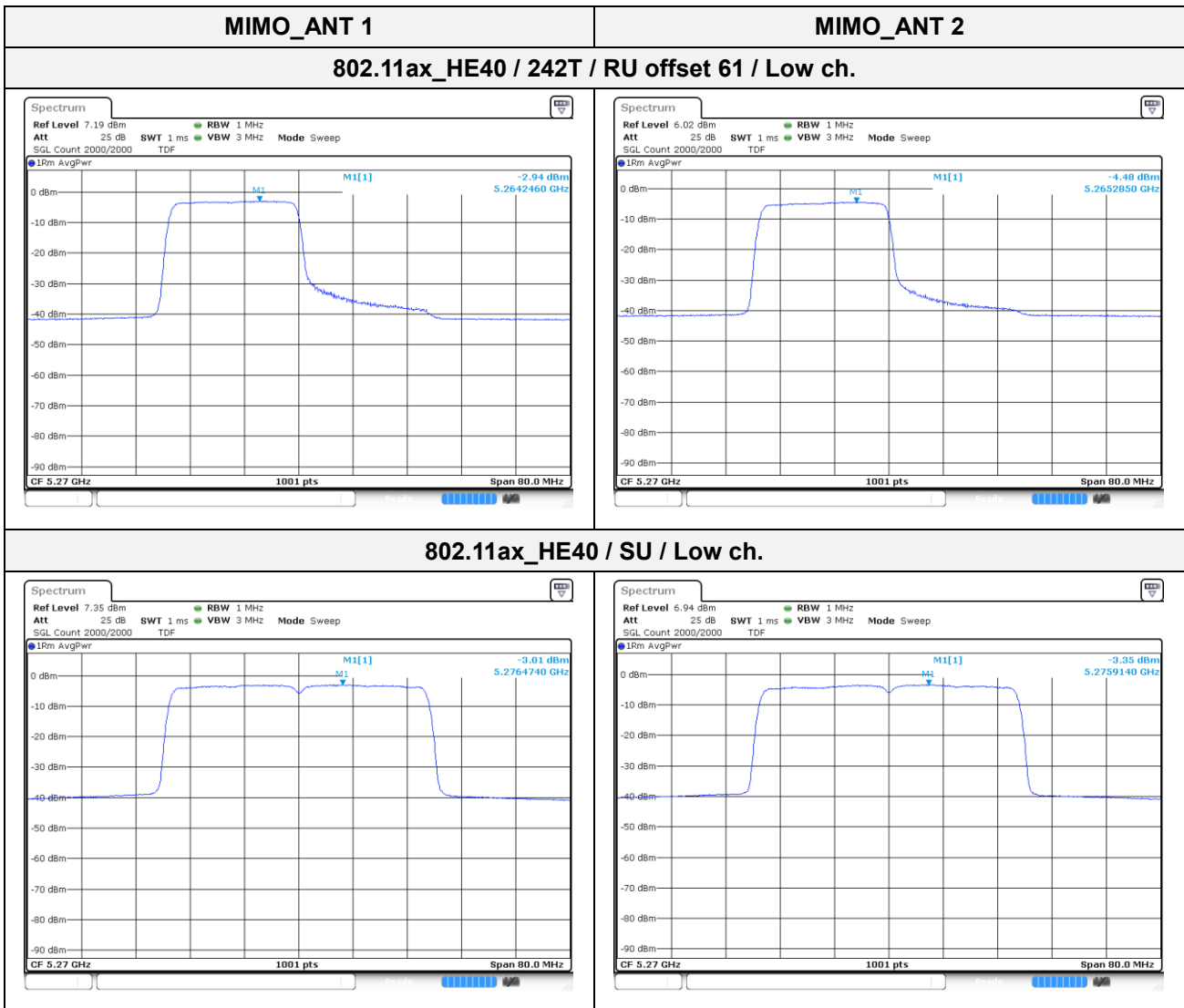
## 2Tx MIMO\_HE20\_UNII-2A Band



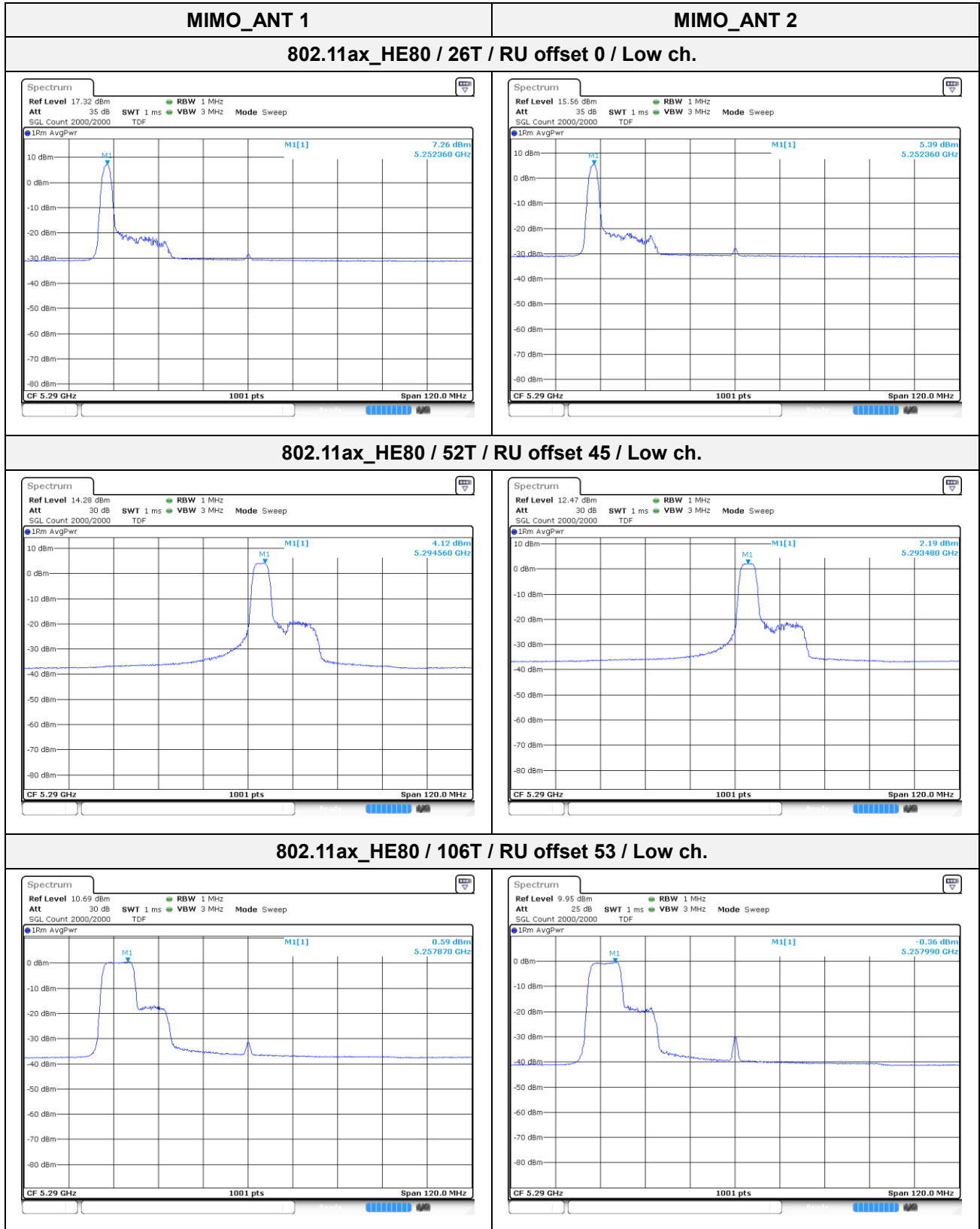


## 2Tx MIMO\_HE40\_UNII-2A Band





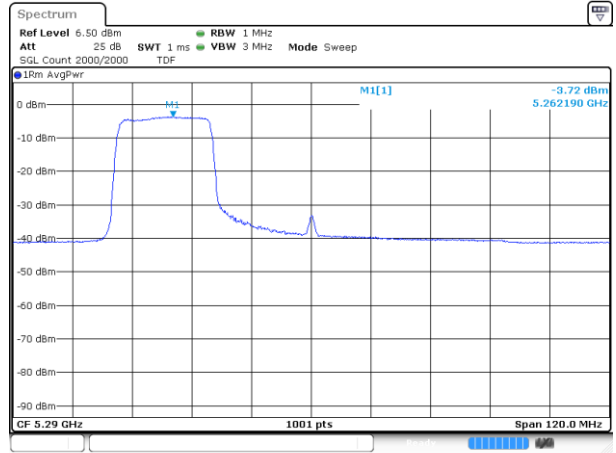
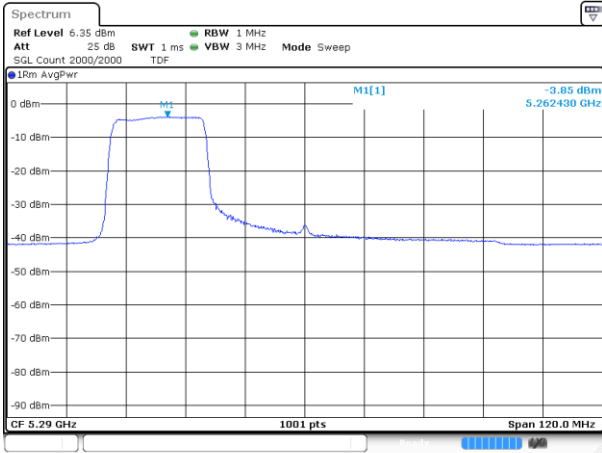
## 2Tx MIMO\_HE80\_UNII-2A Band



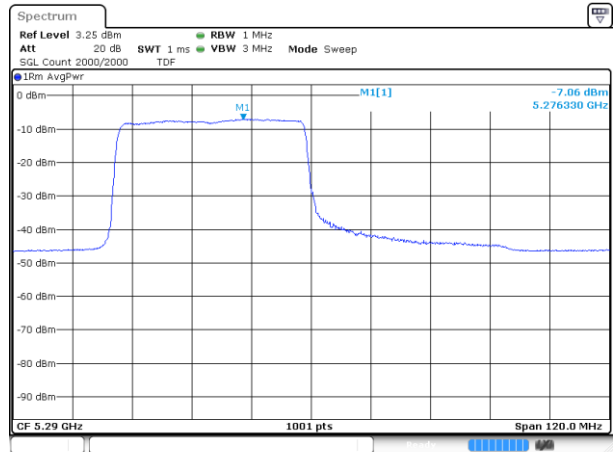
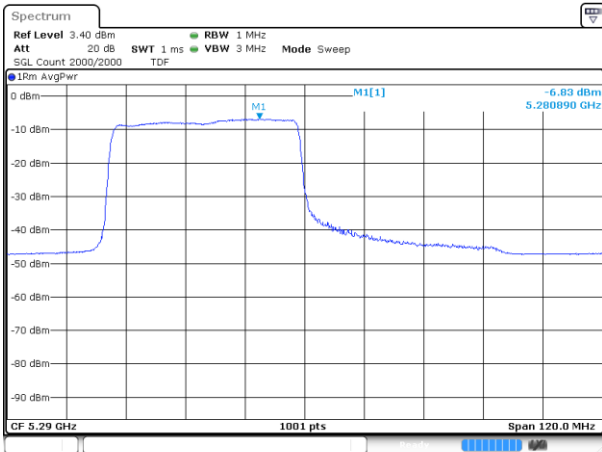
MIMO\_ANT 1

MIMO\_ANT 2

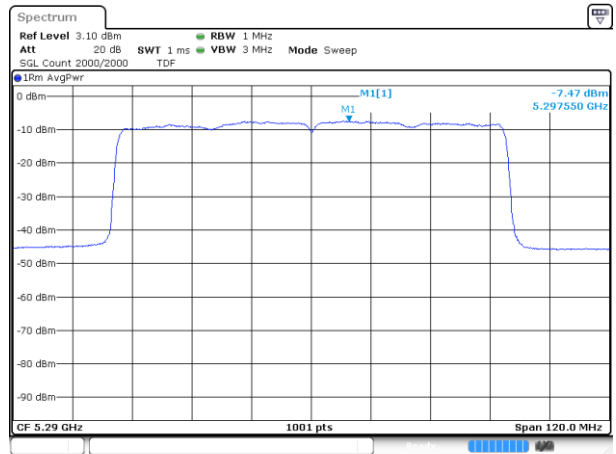
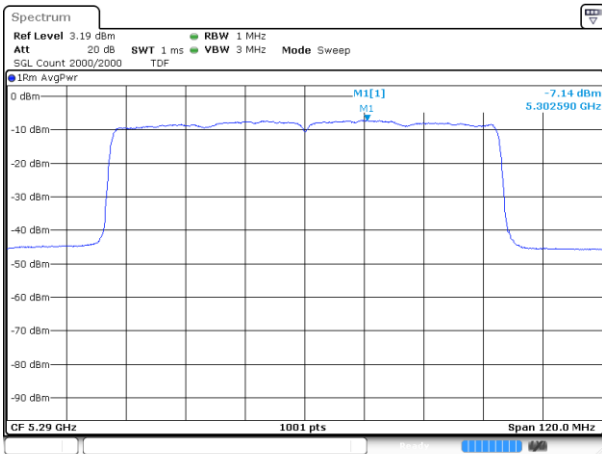
802.11ax\_HE80 / 242T / RU offset 61 / Low ch.



802.11ax\_HE80 / 484T / RU offset 65 / Low ch.

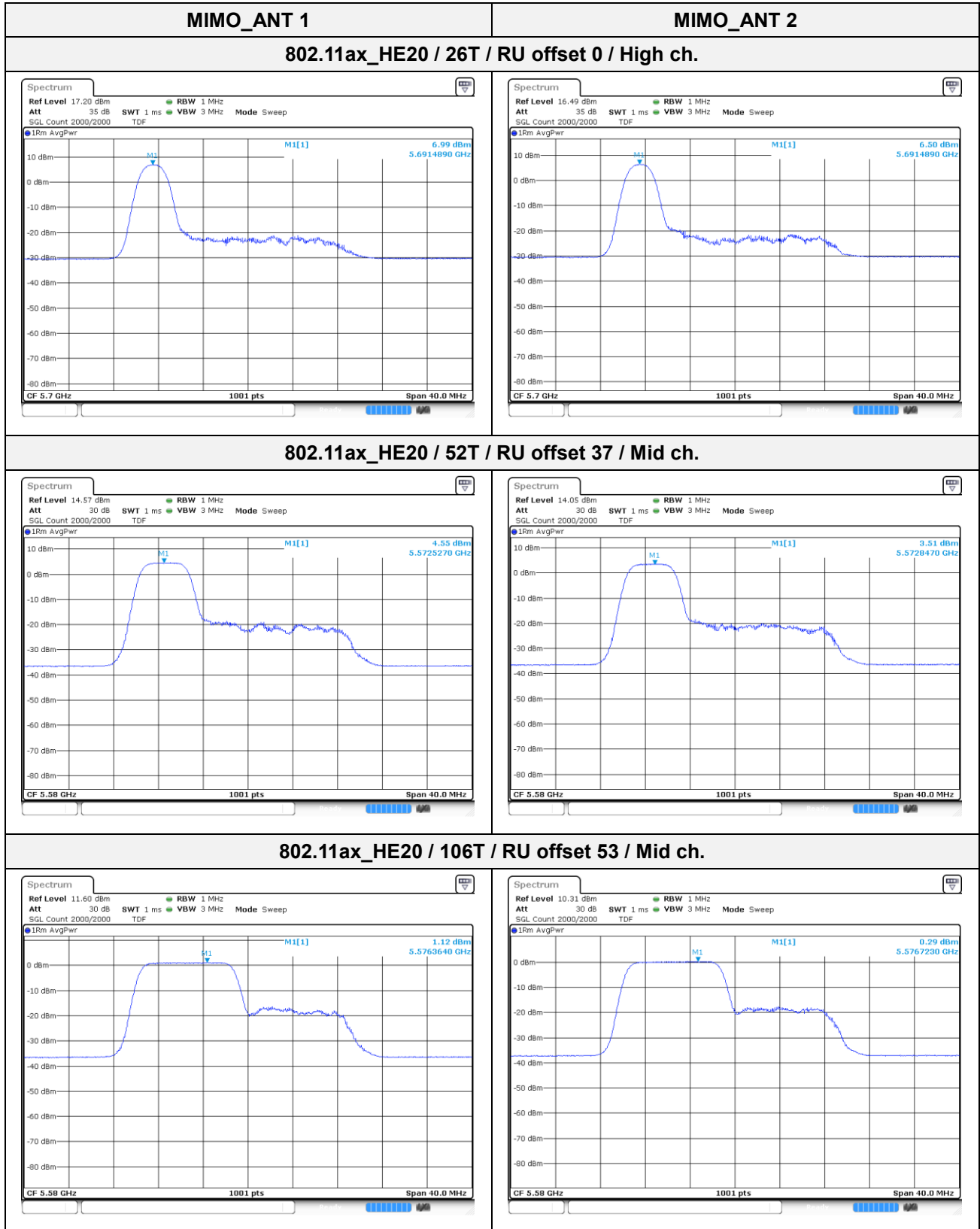


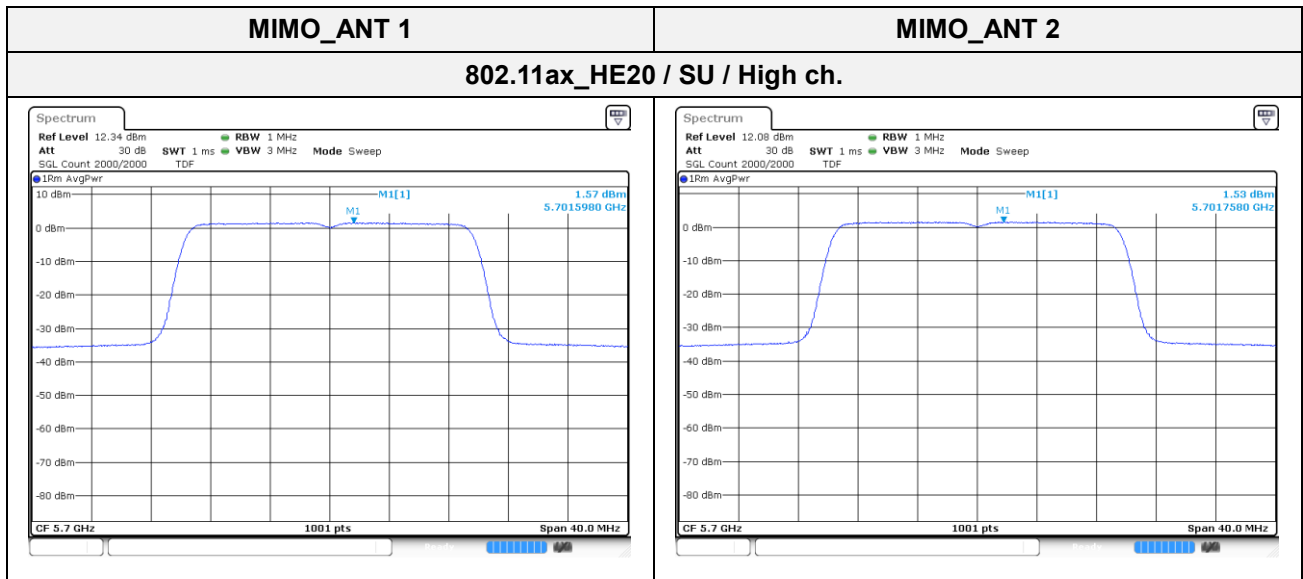
802.11ax\_HE80 / SU / Low ch.



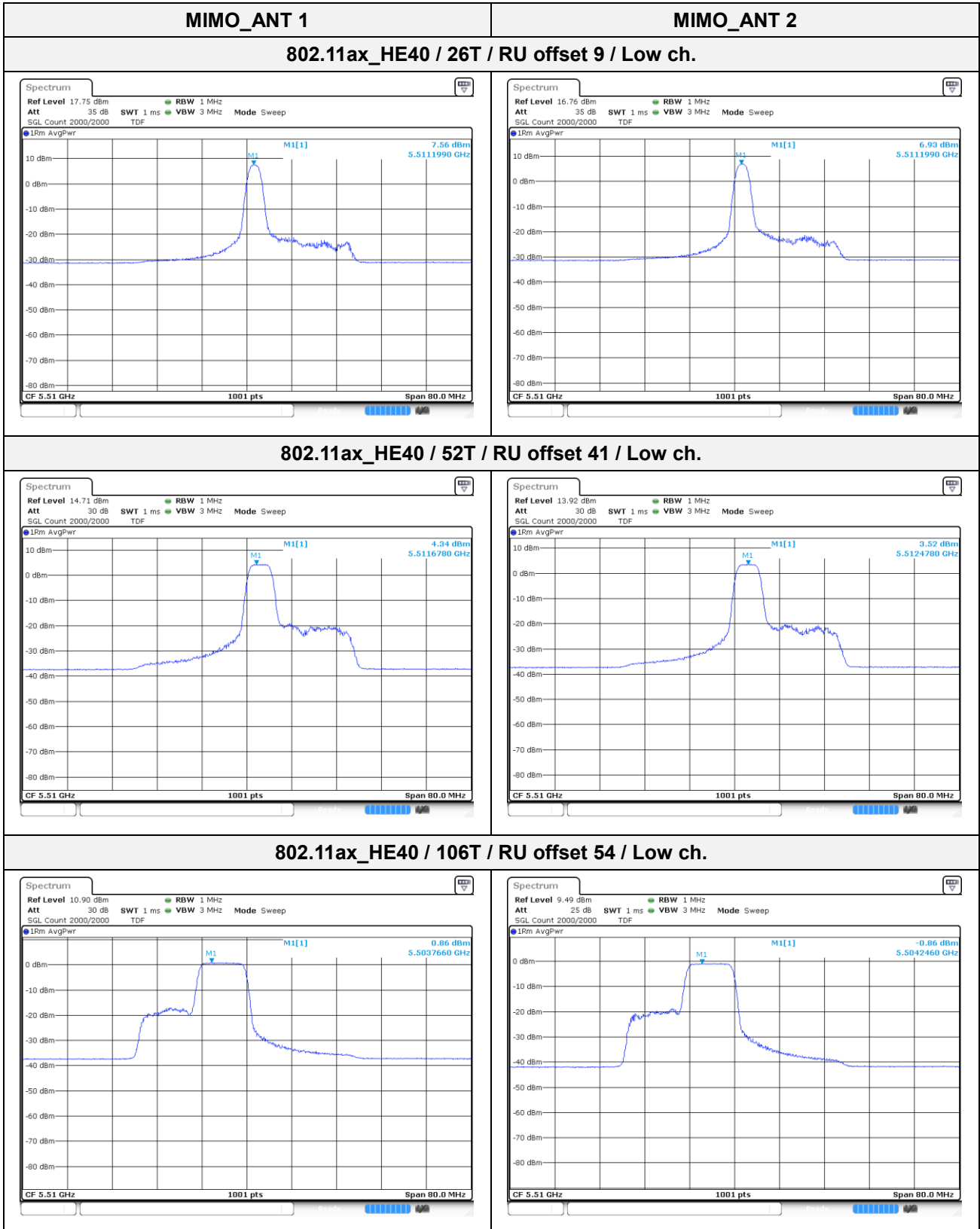


2Tx MIMO\_HE20\_UNII-2C Band





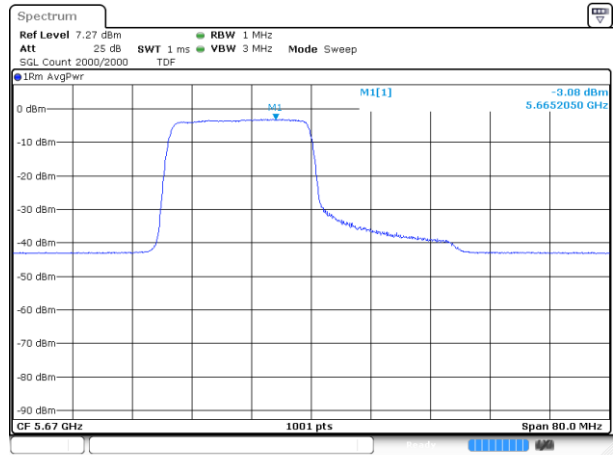
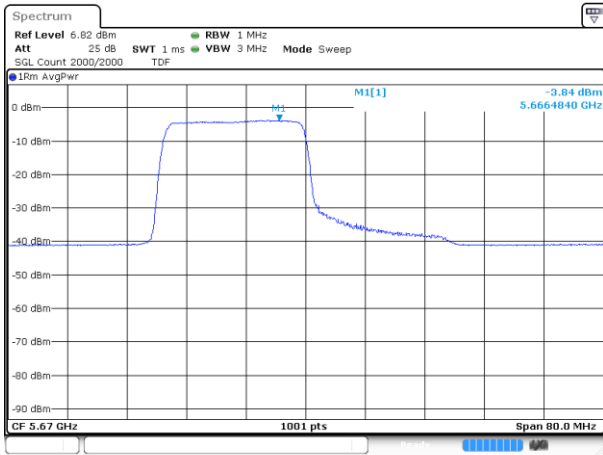
## 2Tx MIMO\_HE40\_UNII-2C Band



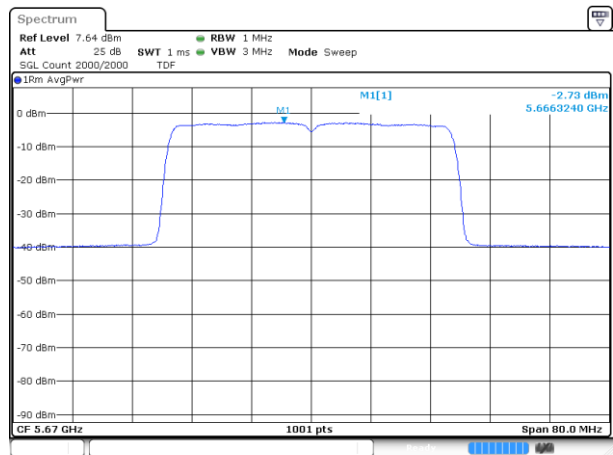
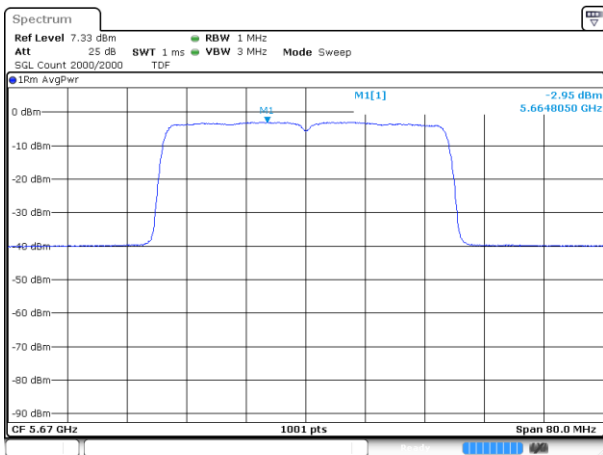
## MIMO\_ANT 1

## MIMO\_ANT 2

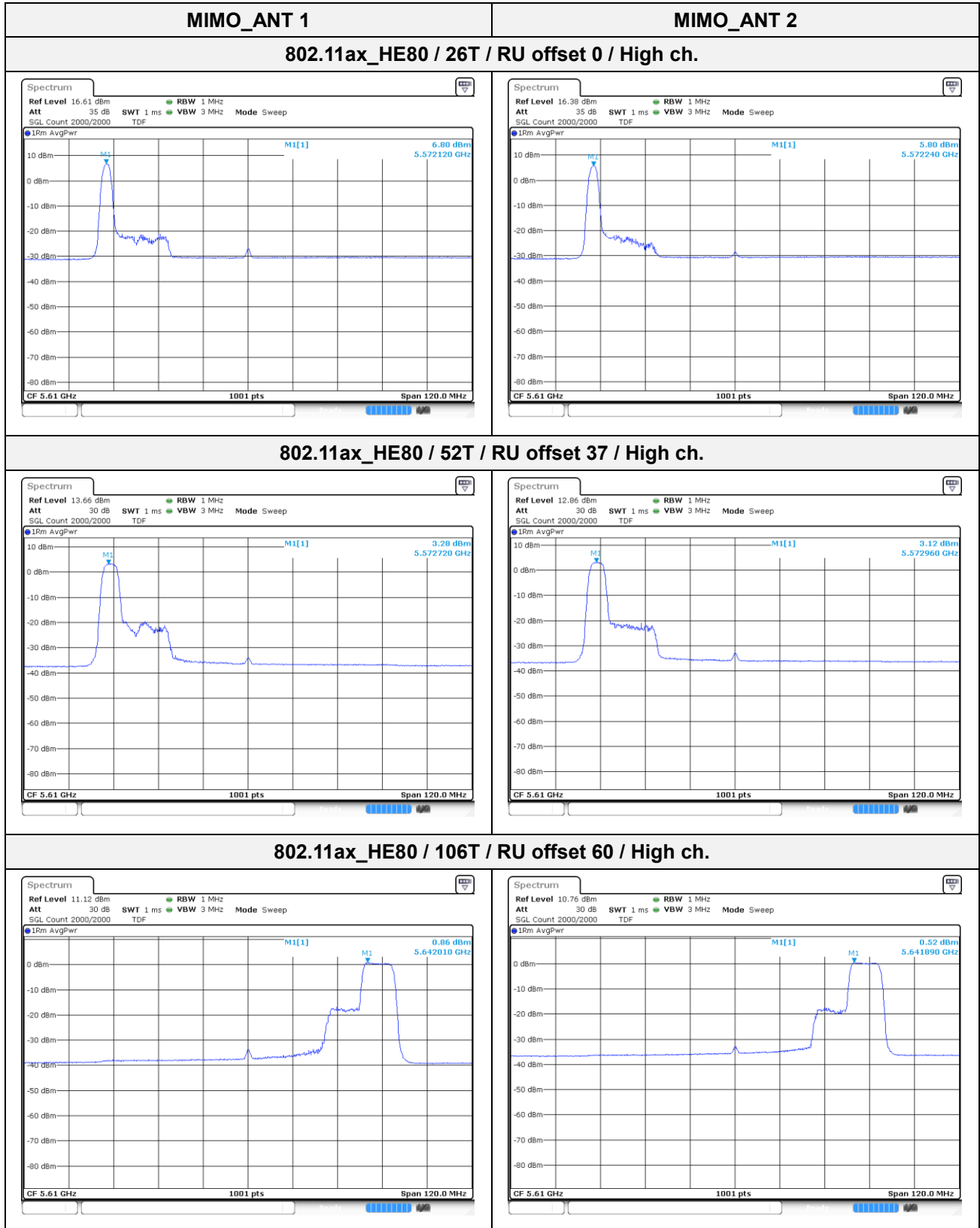
### 802.11ax\_HE40 / 242T / RU offset 61 / High ch.



### 802.11ax\_HE40 / SU / High ch.



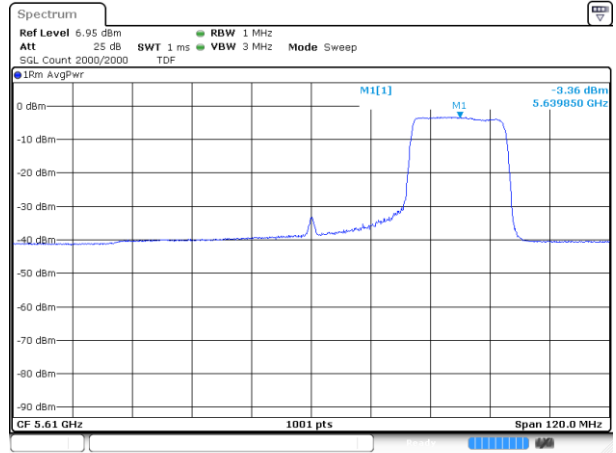
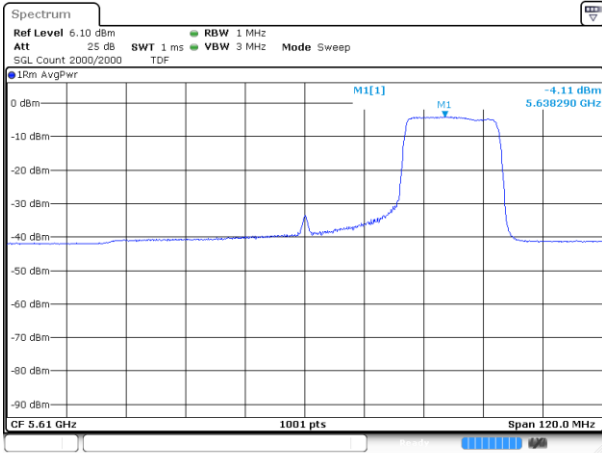
## 2Tx MIMO\_HE80\_UNII-2C Band



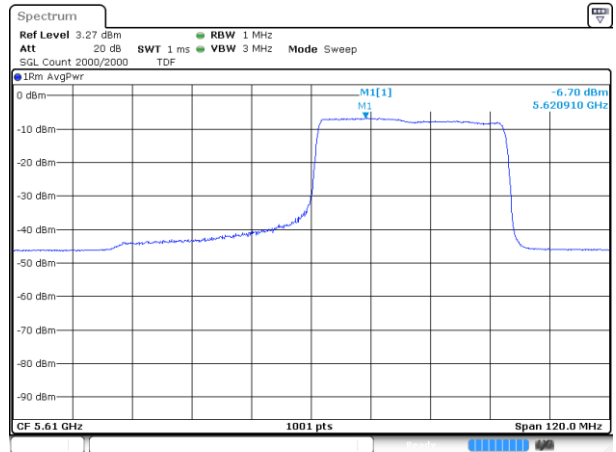
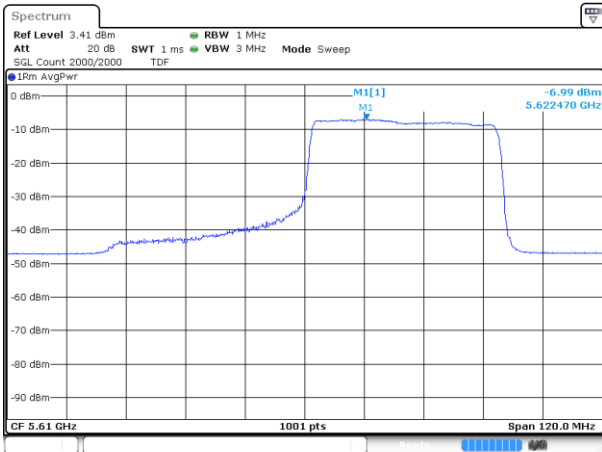
### MIMO\_ANT 1

### MIMO\_ANT 2

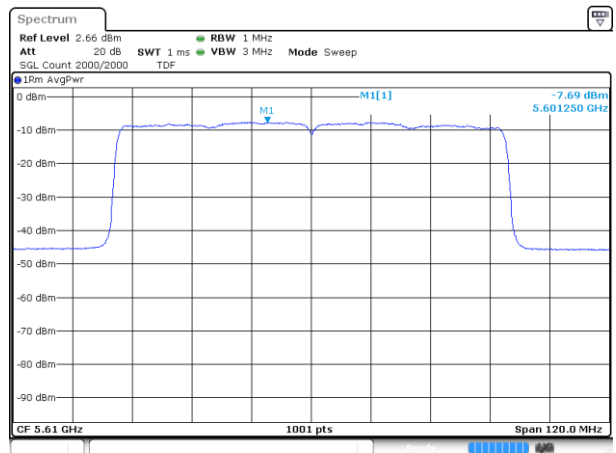
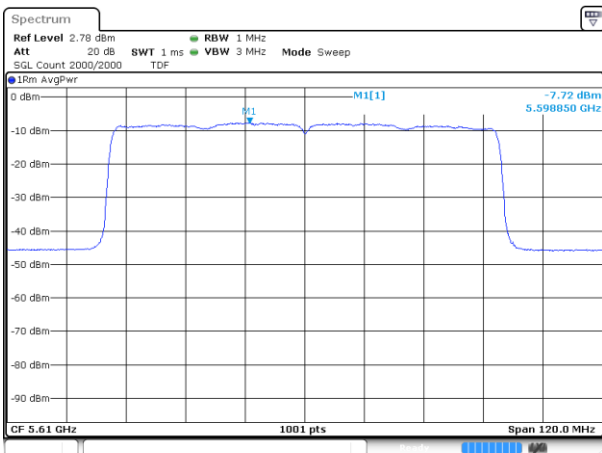
#### 802.11ax\_HE80 / 242T / RU offset 64 / High ch.



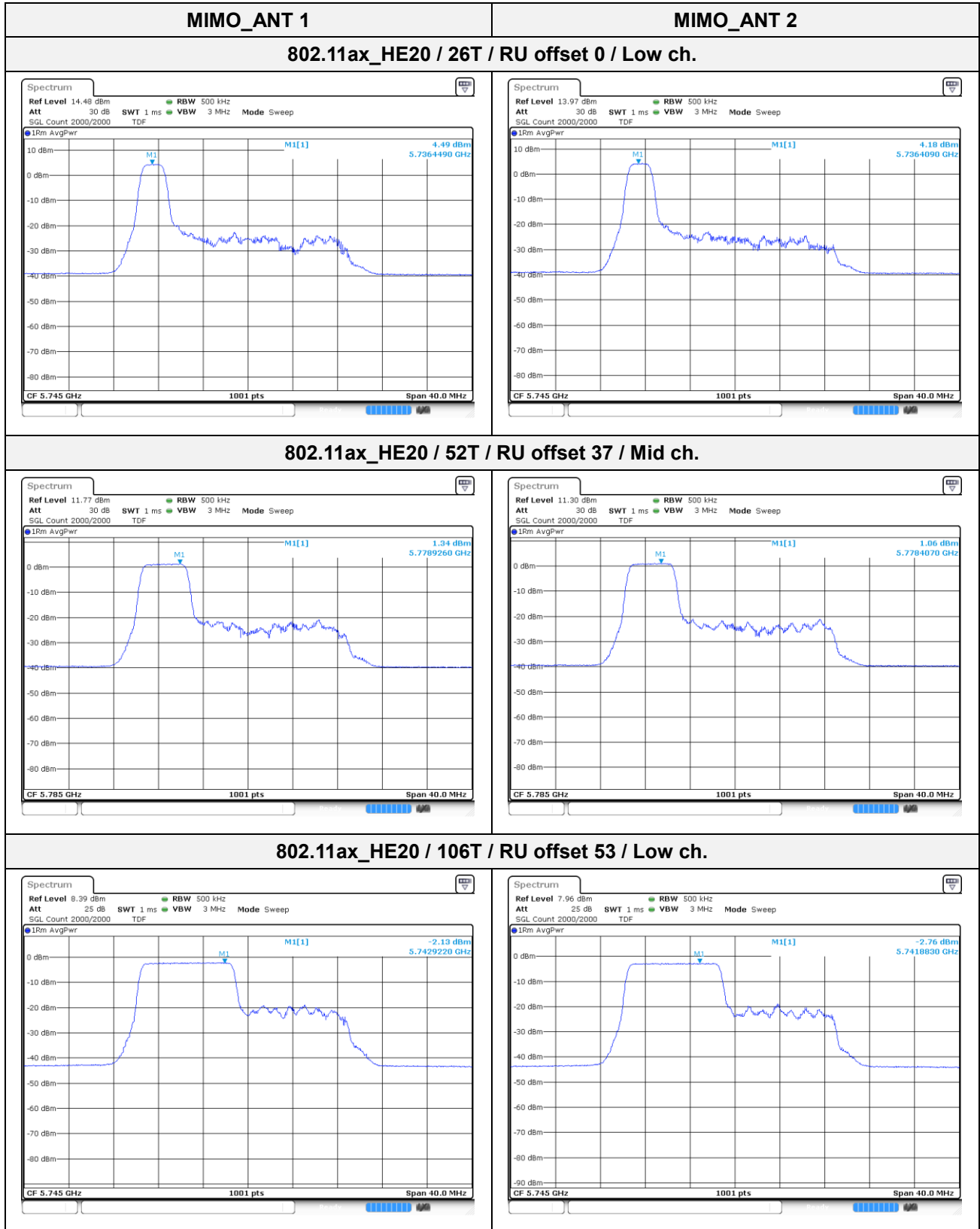
#### 802.11ax\_HE80 / 484T / RU offset 66 / High ch.

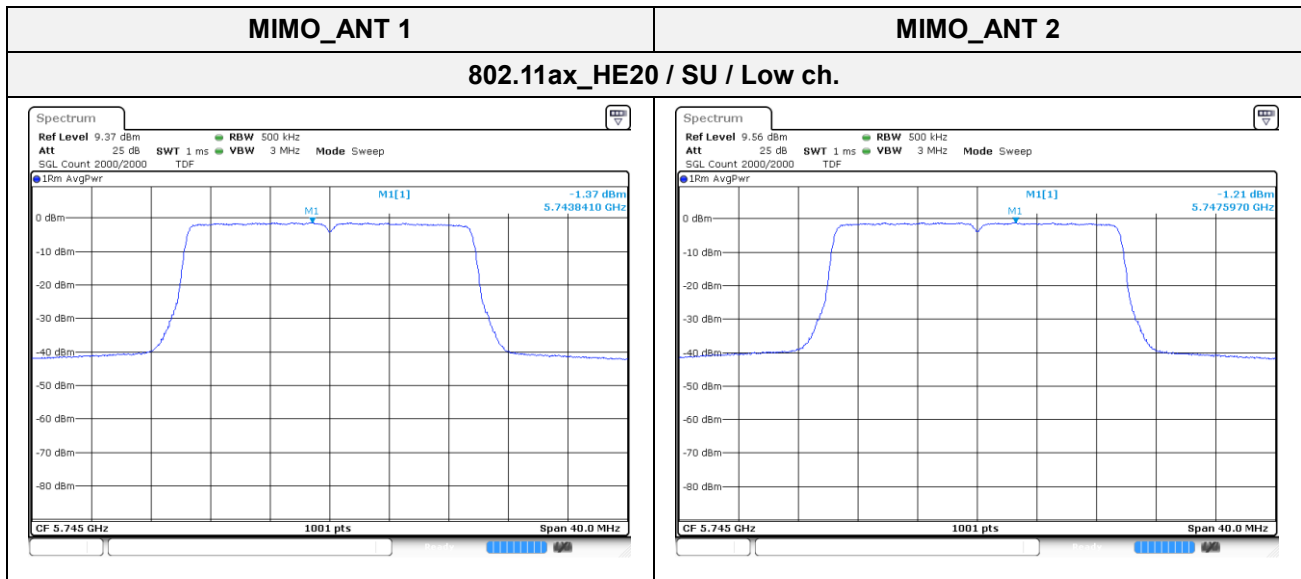


#### 802.11ax\_HE80 / SU / High ch.



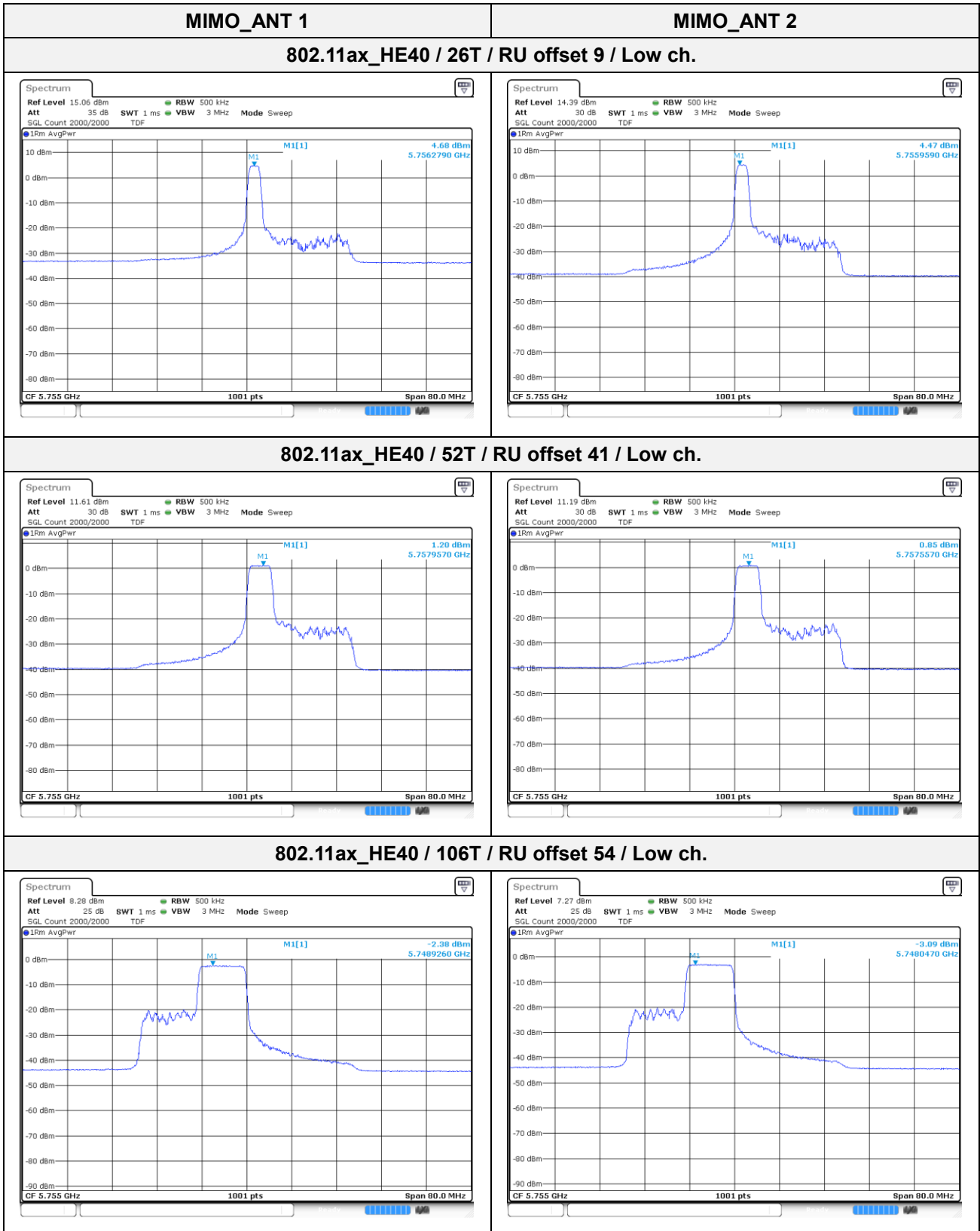
## 2Tx MIMO\_HE20\_UNII-3 Band

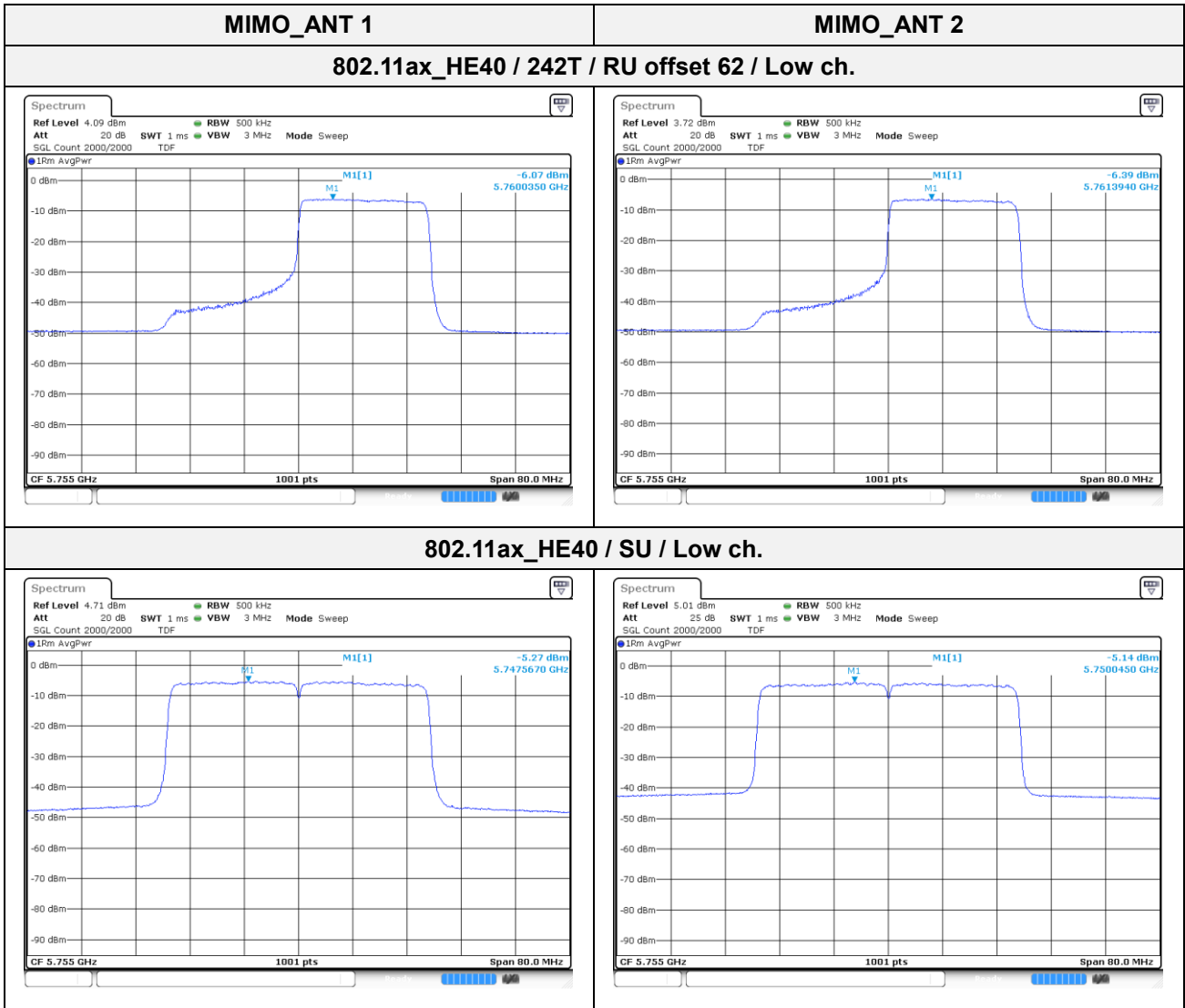




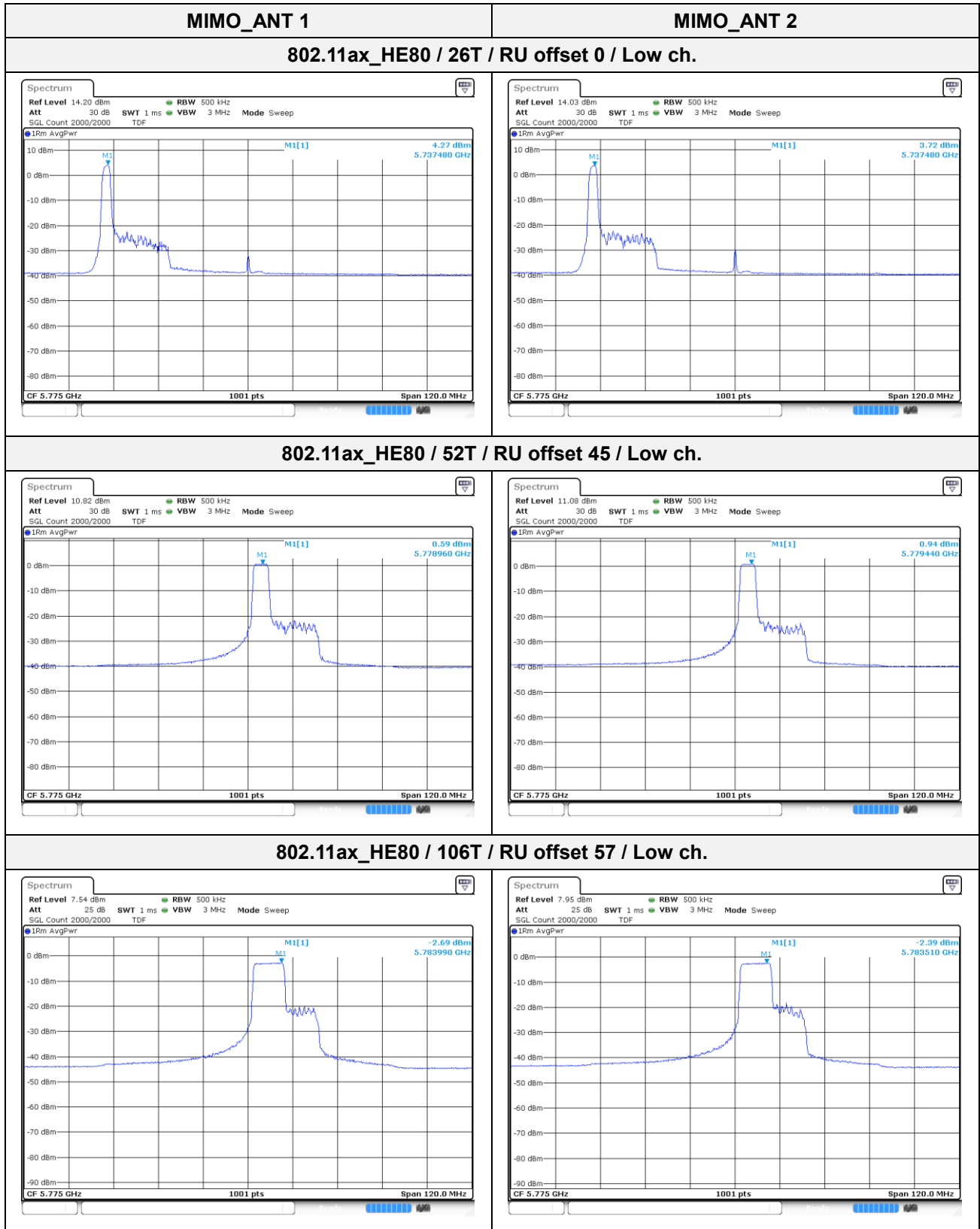


## 2Tx MIMO\_HE40\_UNII-3 Band





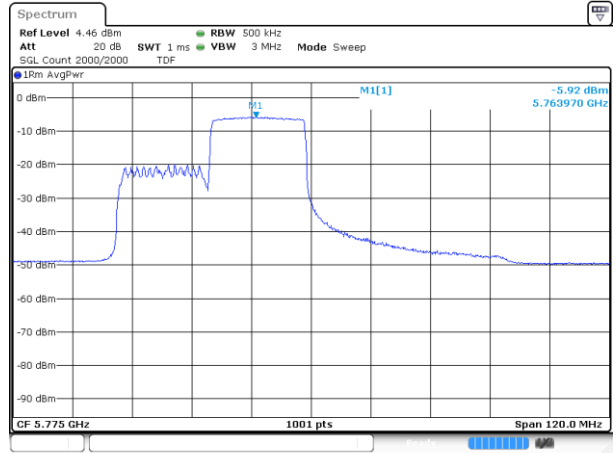
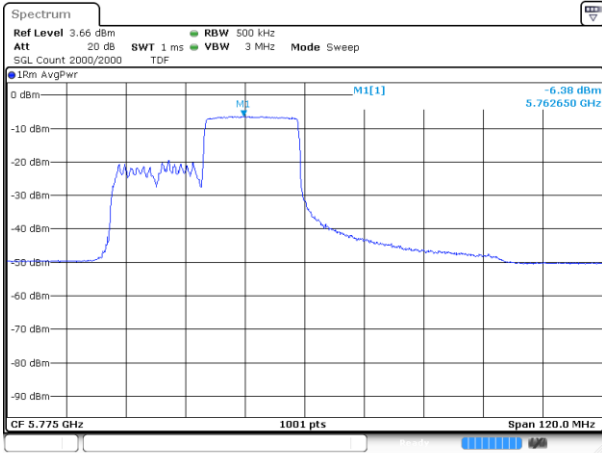
## 2Tx MIMO\_HE80\_UNII-3 Band



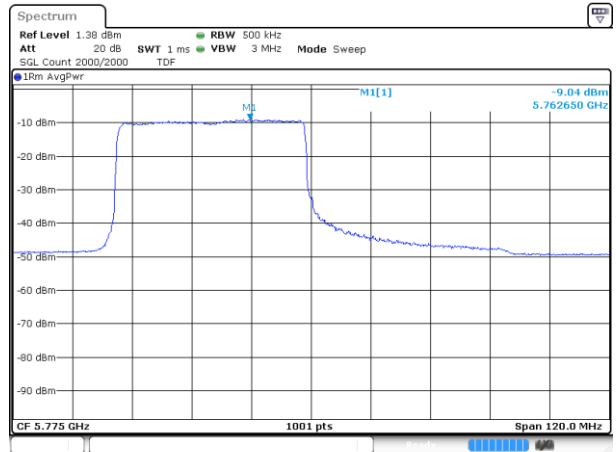
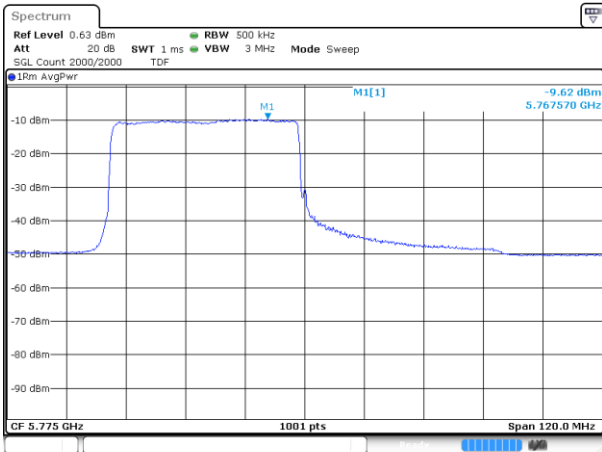
MIMO\_ANT 1

MIMO\_ANT 2

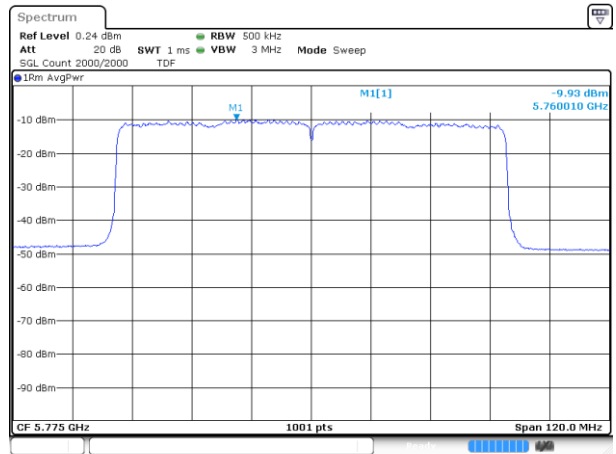
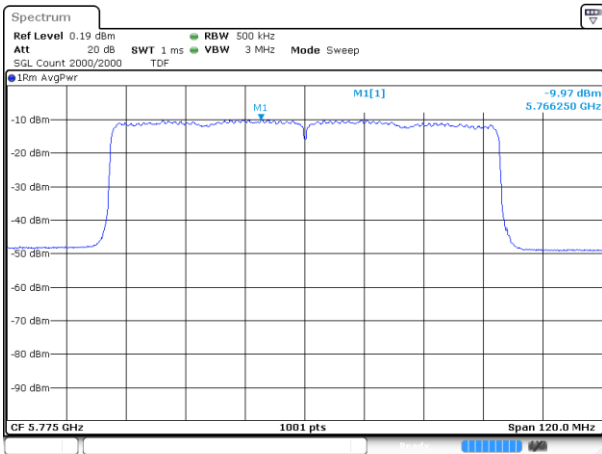
802.11ax\_HE80 / 242T / RU offset 62 / Low ch.



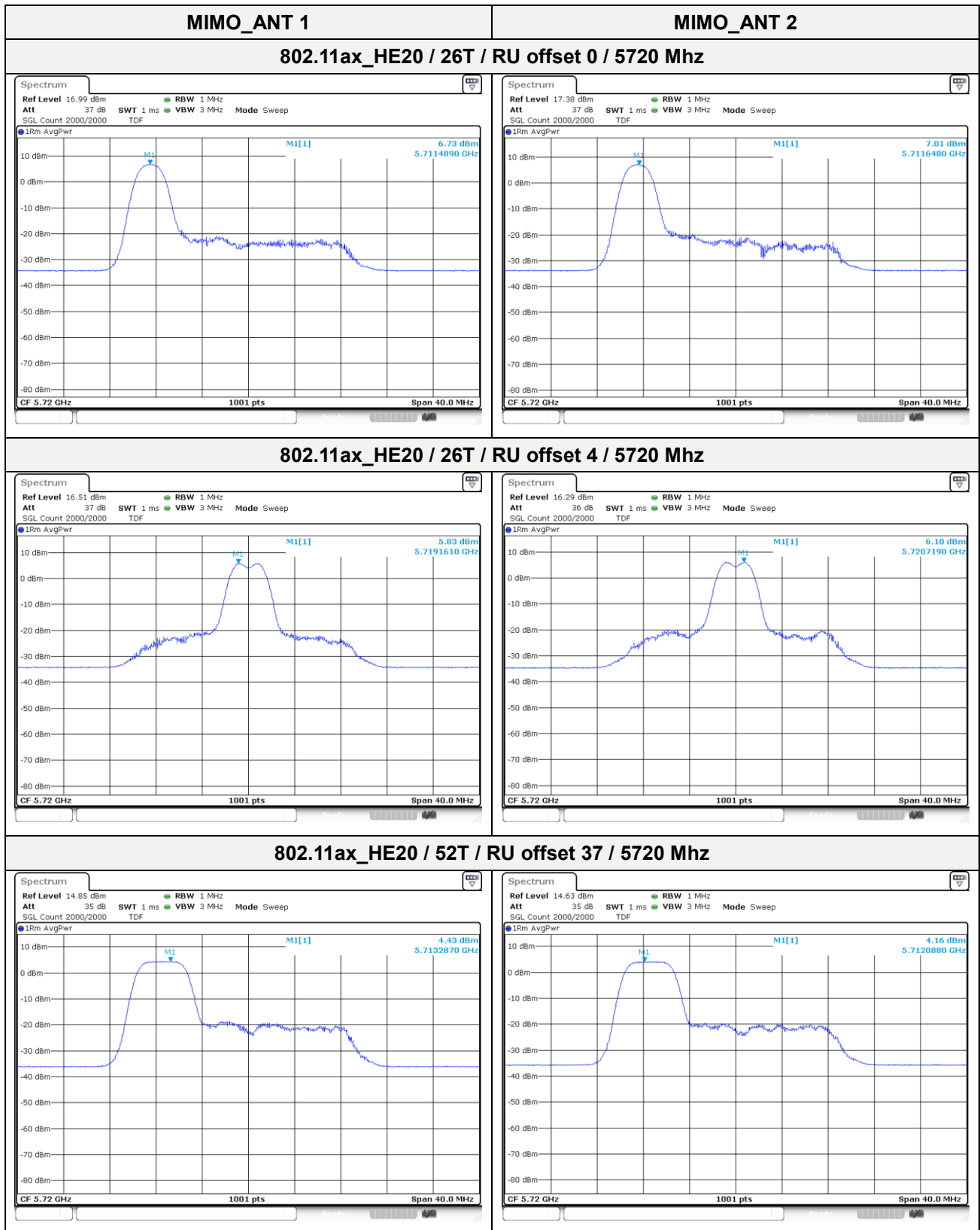
802.11ax\_HE80 / 484T / RU offset 65 / Low ch.

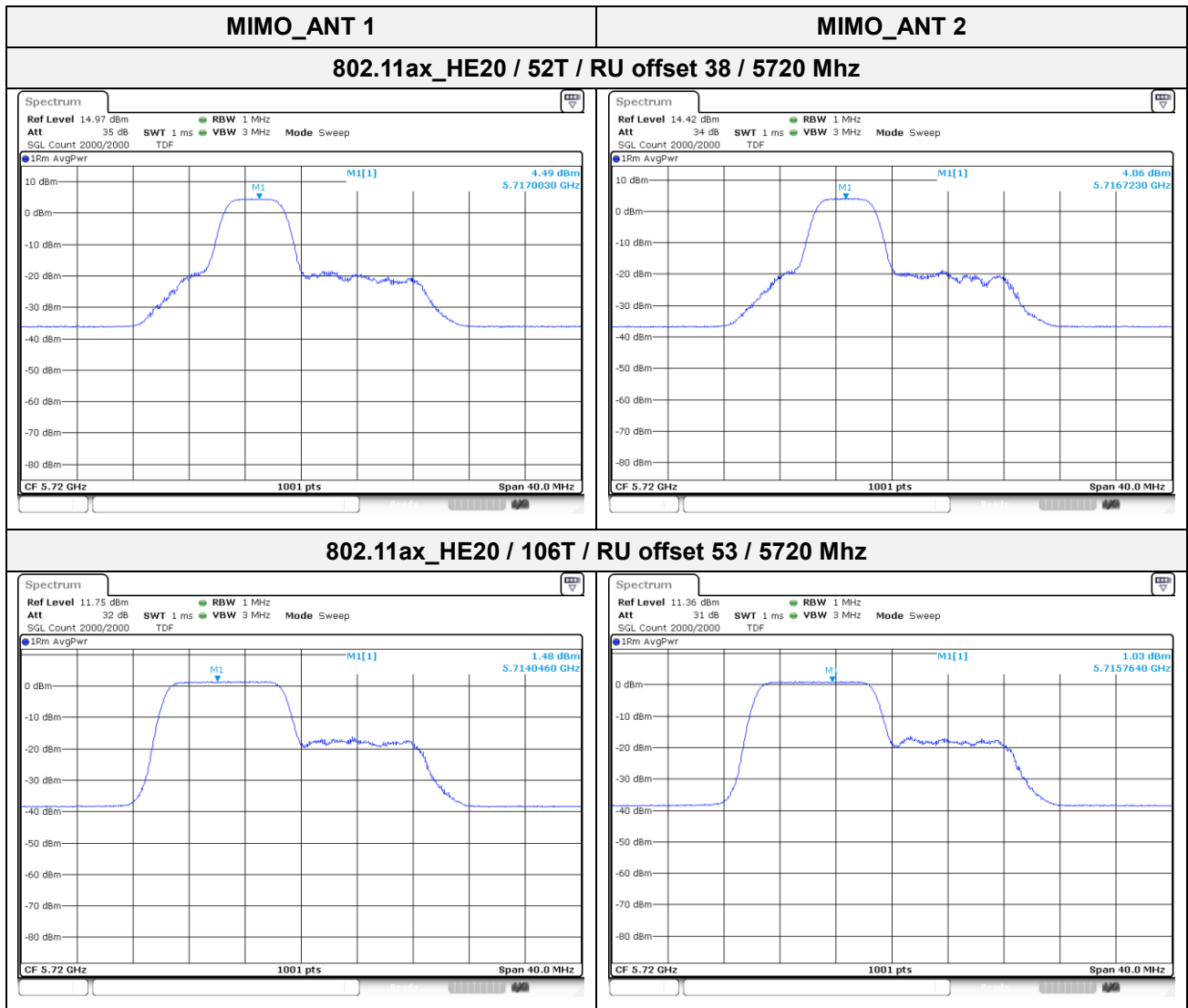


802.11ax\_HE20 / SU / Low ch.

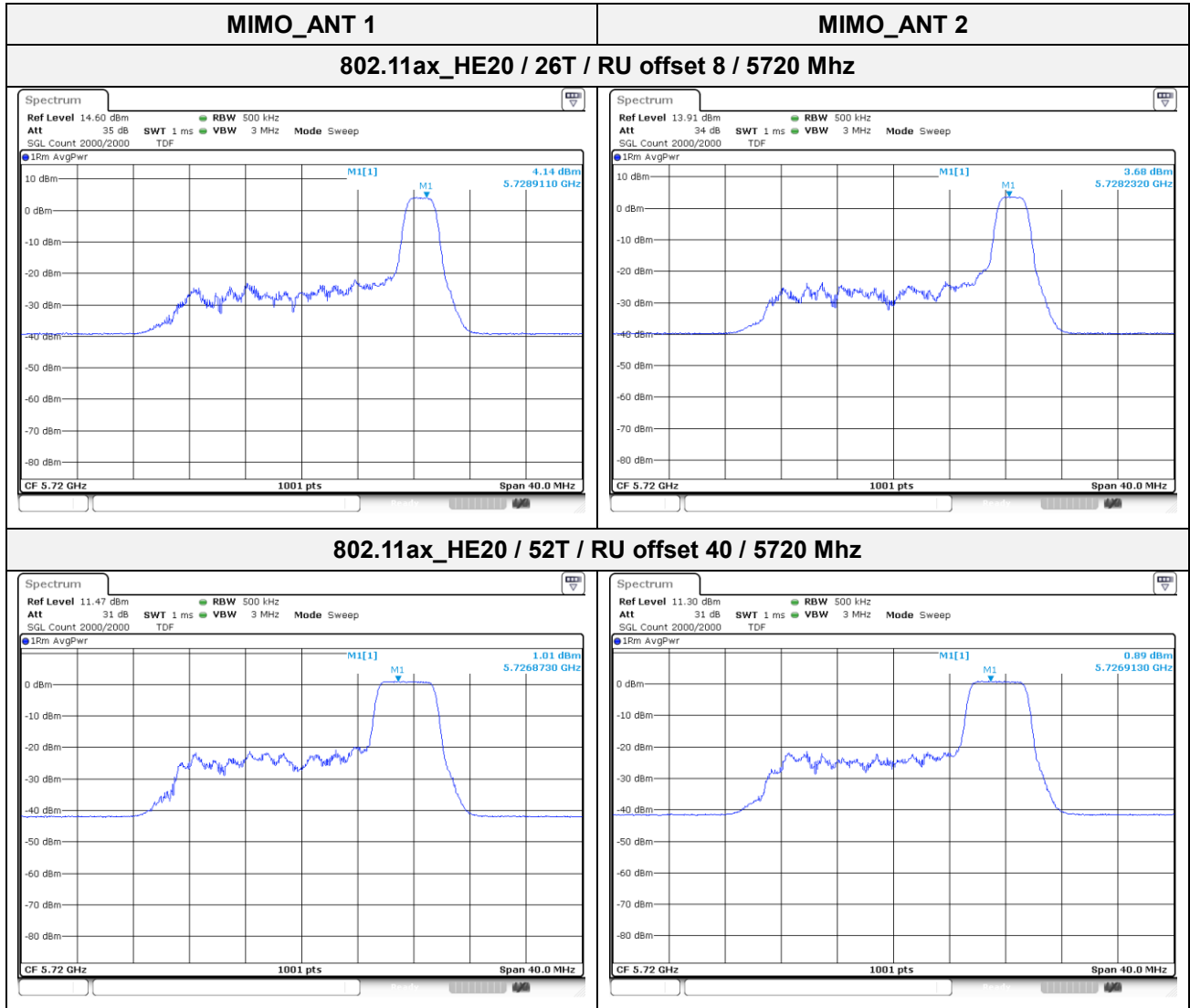


## 2Tx MIMO\_HE20\_UNII-2C Band\_Straddle





2Tx MIMO\_HE20\_UNII-3 Band\_Straddle



2Tx MIMO\_HE20\_UNII-2C + UNII 3 Band\_Straddle

