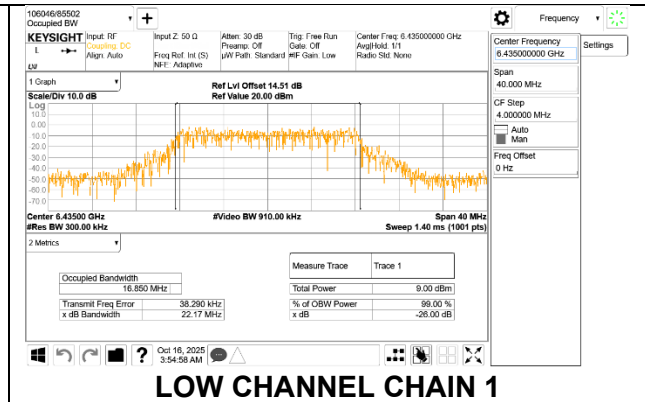
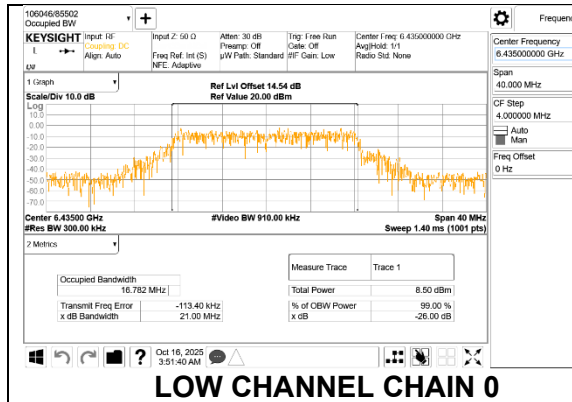


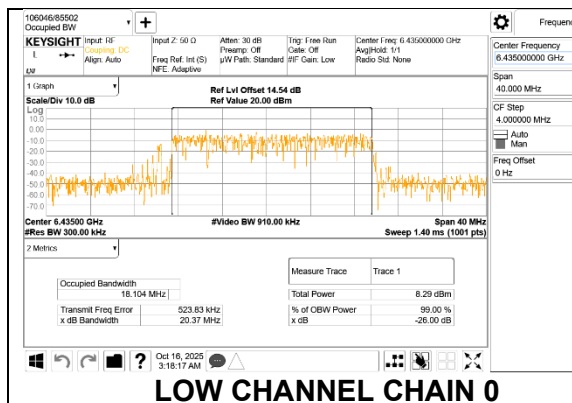
### 9.4.7. 802.11a MODE 2TX IN THE UNII-6 BAND 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6435            | 16.782                      | 16.850                      | 320         | -303.15                 |
| Mid     | 6475            | 16.828                      | 16.784                      | 320         | -303.17                 |
| High    | 6515            | 16.610                      | 16.595                      | 320         | -303.39                 |



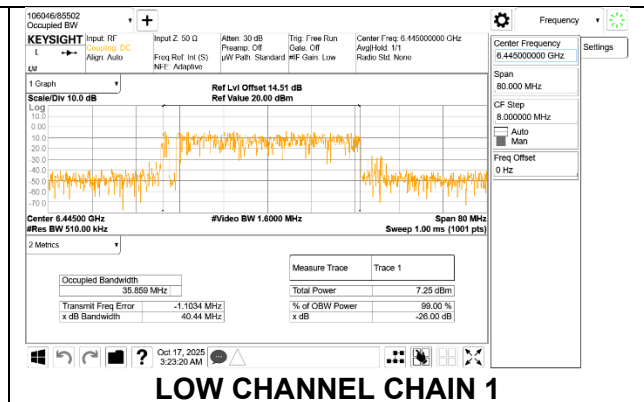
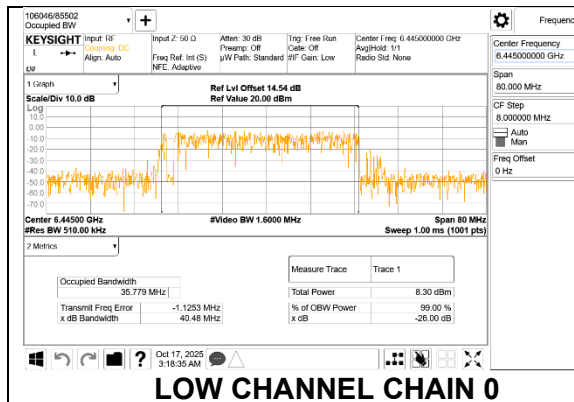
### 9.4.8. 802.11be EHT20 MODE 2TX IN THE UNII-6 BAND 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6435            | 18.104                      | 19.000                      | 320         | -301.00                 |
| Mid     | 6475            | 18.421                      | 18.862                      | 320         | -301.14                 |
| High    | 6515            | 18.395                      | 18.955                      | 320         | -301.05                 |



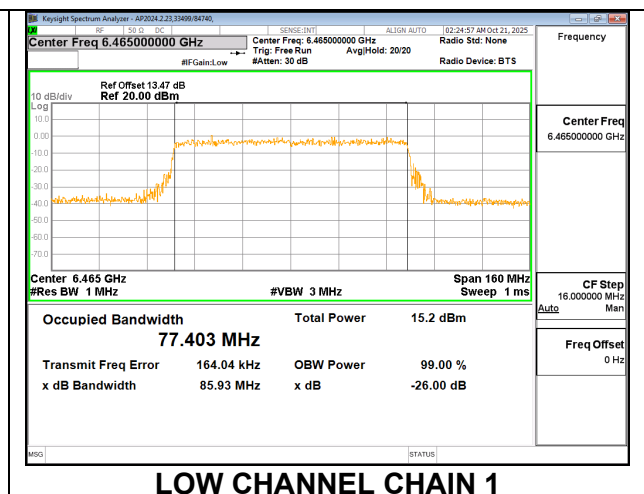
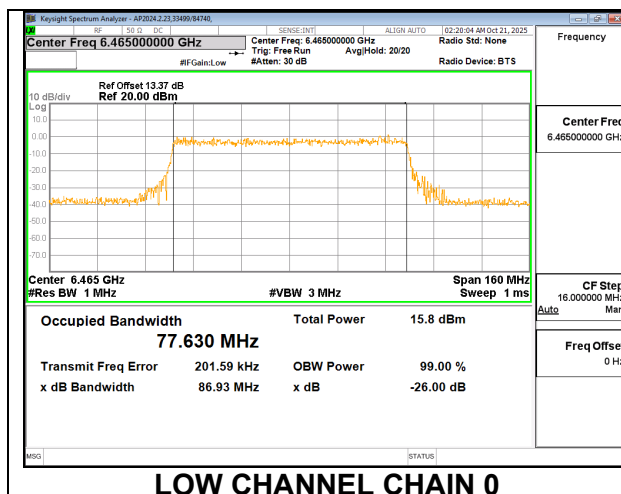
### 9.4.9. 802.11be EHT40 MODE 2TX IN THE UNII-6 BAND 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6445            | 35.779                      | 35.859                      | 320         | -284.14                 |
| Mid     | 6485            | 37.918                      | 37.540                      | 320         | -282.08                 |
| High    | 6525            | 38.099                      | 37.993                      | 320         | -281.90                 |



### 9.4.10. 802.11be EHT80 MODE 2TX IN THE UNII-6 BAND 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T

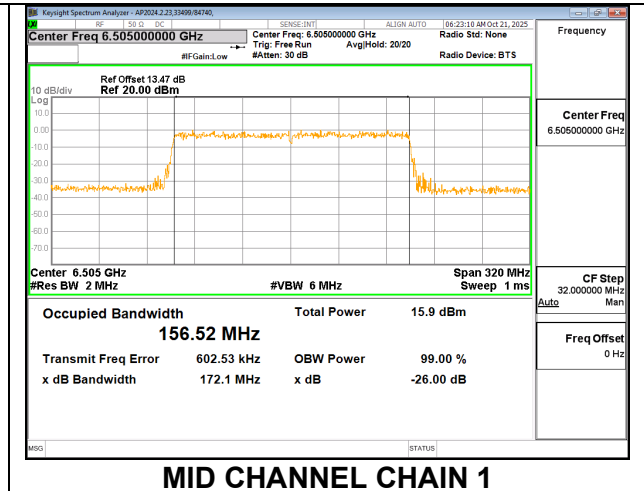
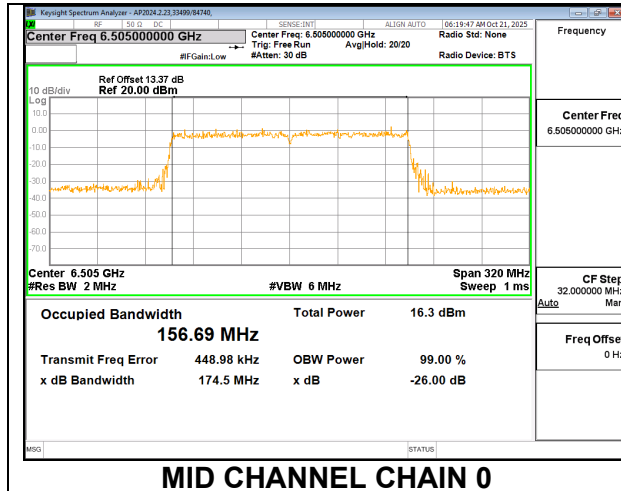
| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6465            | 77.630                      | 77.403                      | 320         | -242.37                 |
| High    | 6545            | 77.705                      | 77.567                      | 320         | -242.30                 |



### 9.4.11. 802.11be EHT160 MODE 2TX IN THE UNII-6 BAND

#### 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T

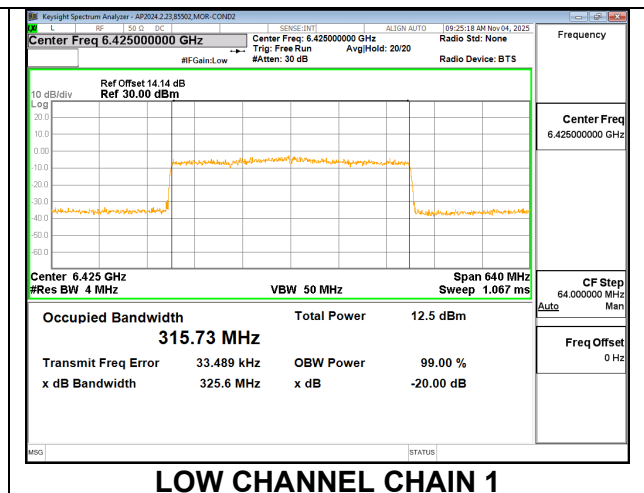
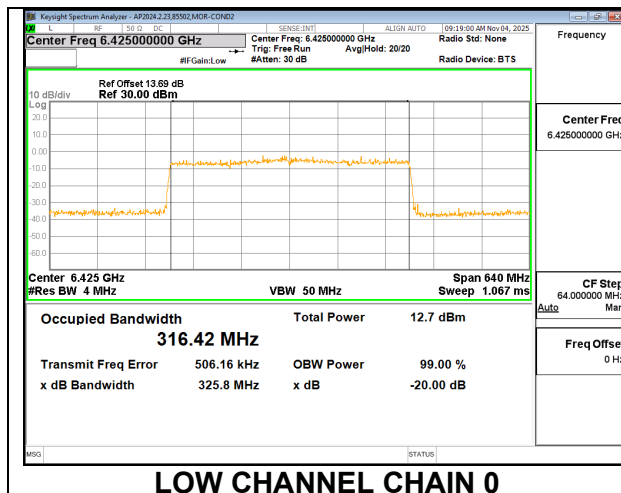
| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Mid     | 6505            | 156.690                     | 156.520                     | 320         | -163.31                 |



### 9.4.12. 802.11be EHT320 MODE 2TX IN THE UNII-6 BAND

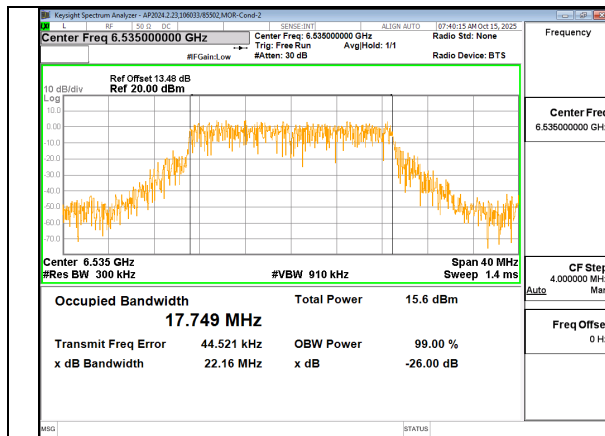
#### 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6425            | 316.42                      | 315.73                      | 320         | -3.58                   |
| High    | 6585            | 315.52                      | 315.79                      | 320         | -4.21                   |

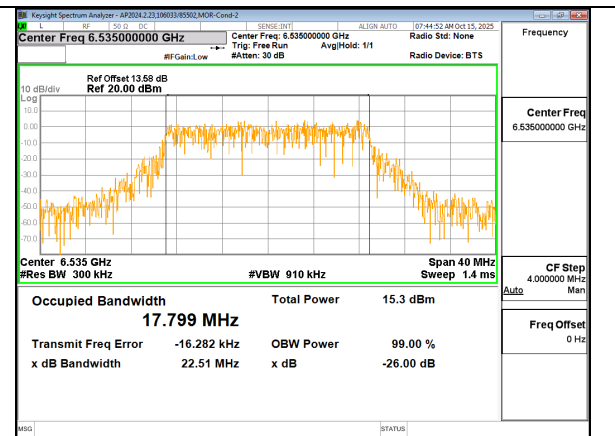


### 9.4.13. 802.11a MODE 2TX IN THE UNII-7 BAND 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6535            | 17.749                      | 17.799                      | 320         | -302.20                 |
| Mid     | 6715            | 17.827                      | 17.701                      | 320         | -302.17                 |
| High    | 6855            | 17.792                      | 17.803                      | 320         | -302.20                 |



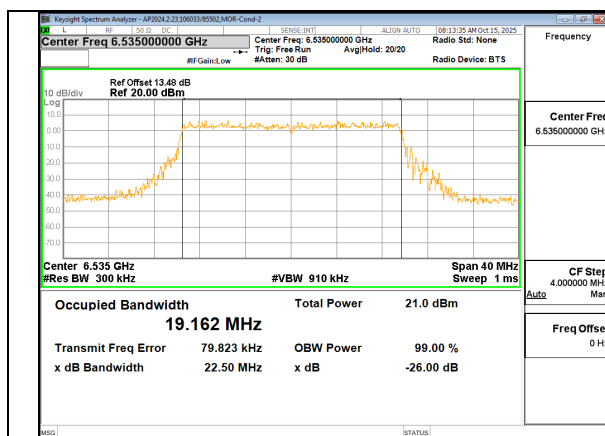
LOW CHANNEL CHAIN 0



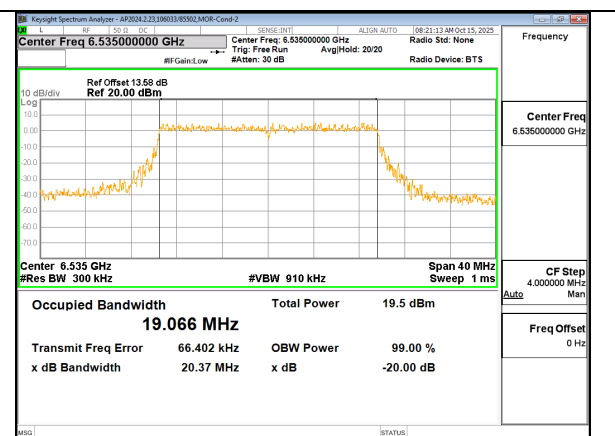
LOW CHANNEL CHAIN 1

### 9.4.14. 802.11be EHT20 MODE 2TX IN THE UNII-7 BAND 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6535            | 19.162                      | 19.066                      | 320         | -300.84                 |
| Mid     | 6715            | 19.059                      | 19.016                      | 320         | -300.94                 |
| High    | 6855            | 19.054                      | 19.021                      | 320         | -300.95                 |



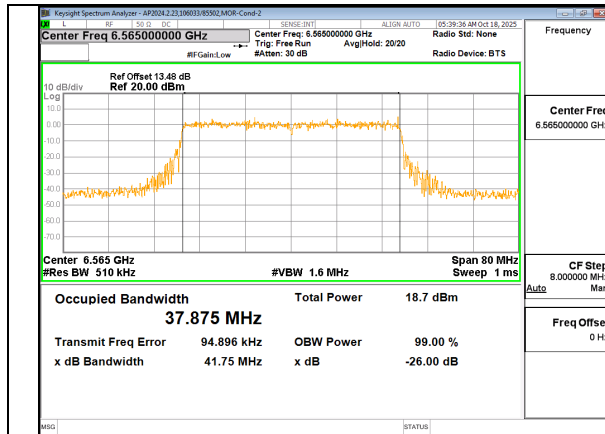
LOW CHANNEL CHAIN 0



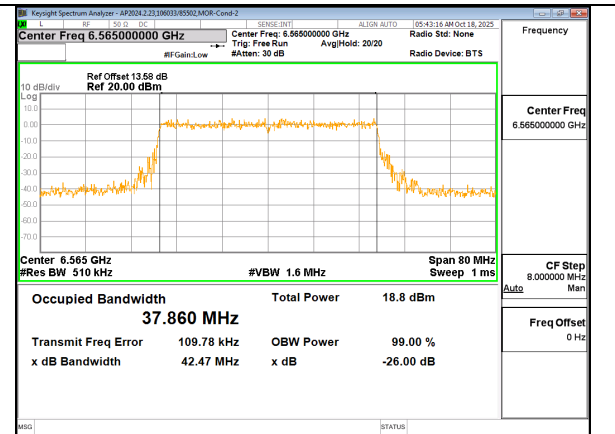
LOW CHANNEL CHAIN 1

**9.4.15. 802.11be EHT40 MODE 2TX IN THE UNII-7 BAND**  
**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T**

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6565            | 37.875                      | 37.860                      | 320         | -282.13                 |
| Mid     | 6685            | 37.994                      | 37.910                      | 320         | -282.01                 |
| High    | 6845            | 37.934                      | 37.910                      | 320         | -282.07                 |



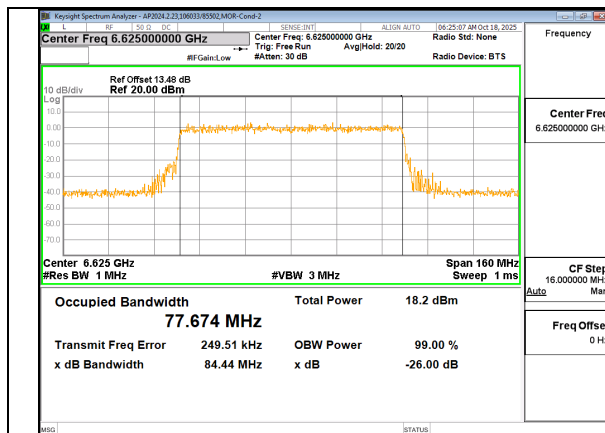
**LOW CHANNEL CHAIN 0**



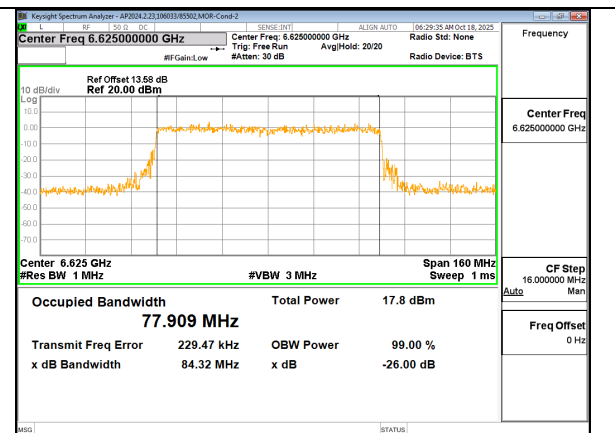
**LOW CHANNEL CHAIN 1**

**9.4.16. 802.11be EHT80 MODE 2TX IN THE UNII-7 BAND**  
**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T**

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6625            | 77.674                      | 77.909                      | 320         | -242.09                 |
| Mid     | 6705            | 77.876                      | 77.374                      | 320         | -242.12                 |
| High    | 6785            | 77.598                      | 77.648                      | 320         | -242.35                 |



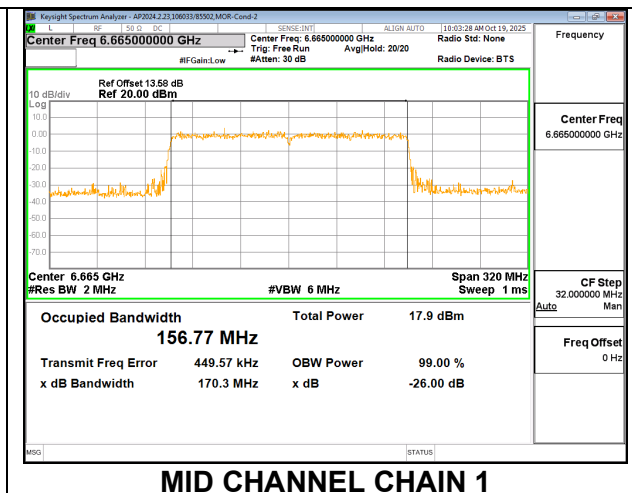
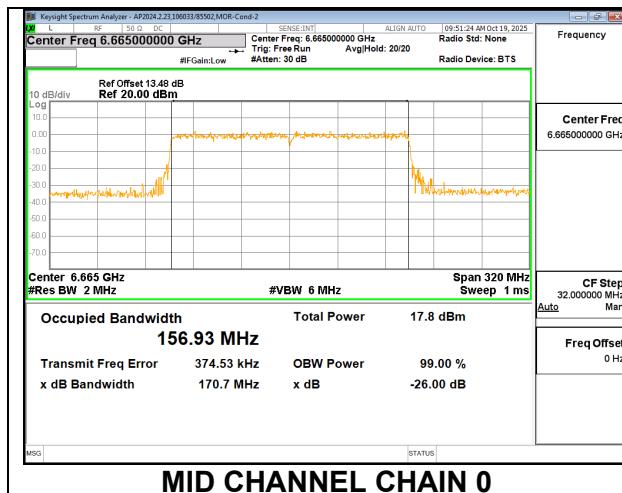
**LOW CHANNEL CHAIN 0**



**LOW CHANNEL CHAIN 1**

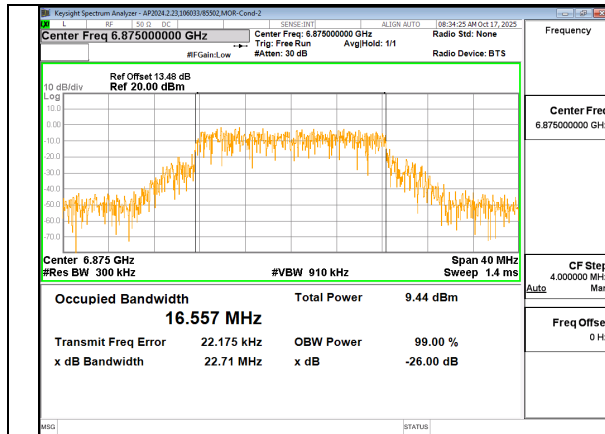
**9.4.17. 802.11be EHT160 MODE 2TX IN THE UNII-7 BAND**  
**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T**

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Mid     | 6665            | 156.930                     | 156.770                     | 320         | -163.07                 |

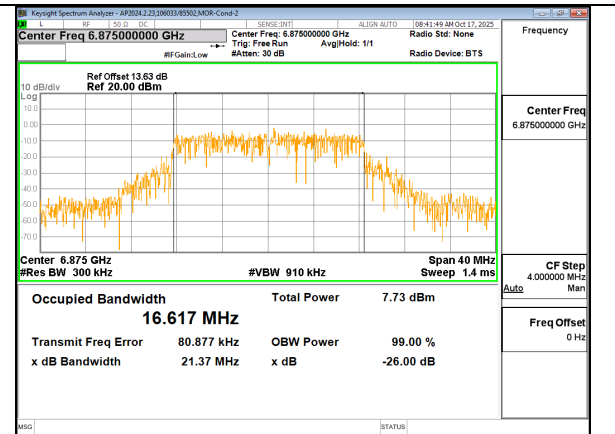


### 9.4.18. 802.11a MODE 2TX IN THE UNII-8 BAND 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6875            | 16.557                      | 16.617                      | 320         | -303.38                 |
| Mid     | 6995            | 16.722                      | 16.702                      | 320         | -303.28                 |
| High    | 7115            | 16.761                      | 16.574                      | 320         | -303.24                 |



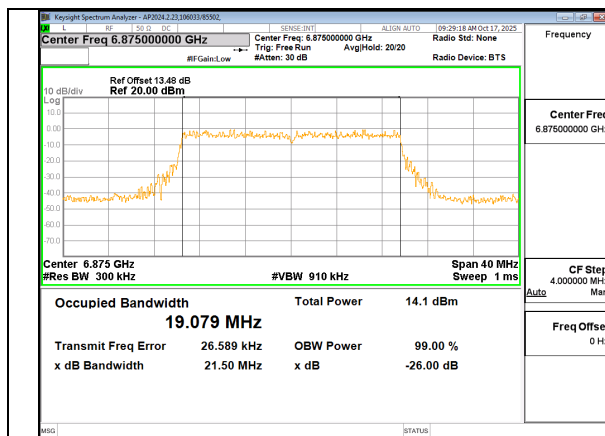
LOW CHANNEL CHAIN 0



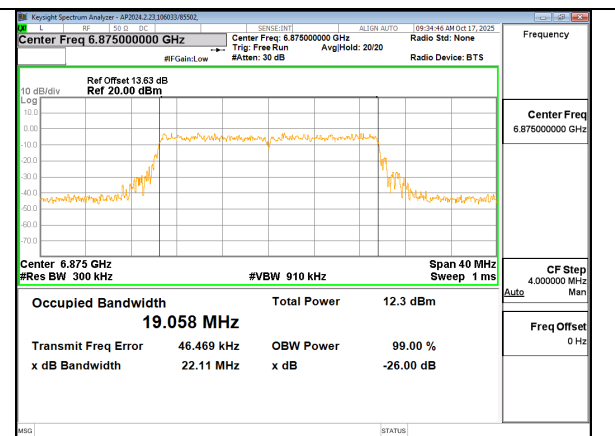
LOW CHANNEL CHAIN 1

### 9.4.19. 802.11be EHT20 MODE 2TX IN THE UNII-8 BAND 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6875            | 19.079                      | 19.058                      | 320         | -300.92                 |
| Mid     | 6995            | 19.050                      | 19.003                      | 320         | -300.95                 |
| High    | 7115            | 19.036                      | 19.103                      | 320         | -300.90                 |



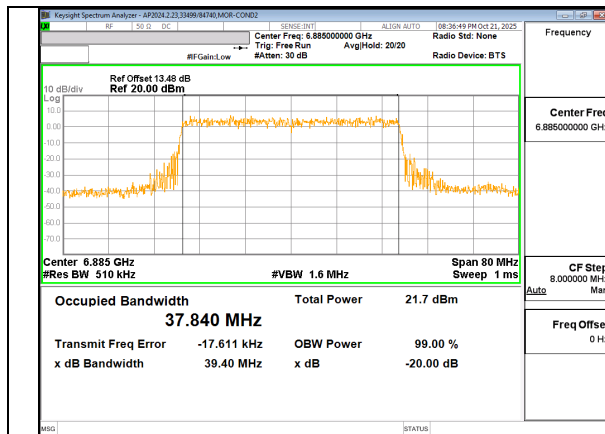
LOW CHANNEL CHAIN 0



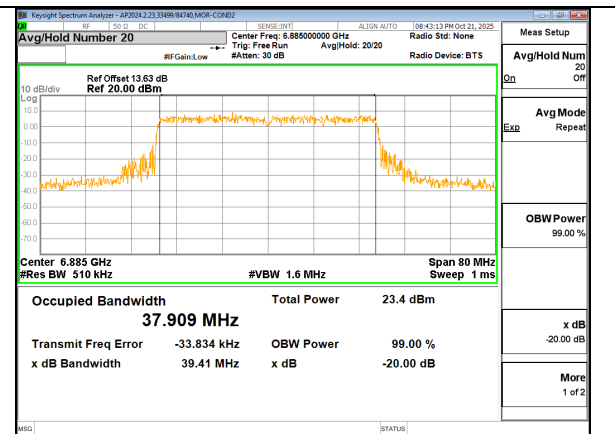
LOW CHANNEL CHAIN 1

**9.4.20. 802.11be EHT40 MODE 2TX IN THE UNII-8 BAND**  
**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T**

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6885            | 37.840                      | 37.909                      | 320         | -282.09                 |
| Mid     | 6965            | 37.920                      | 37.998                      | 320         | -282.00                 |
| High    | 7085            | 37.916                      | 37.968                      | 320         | -282.03                 |



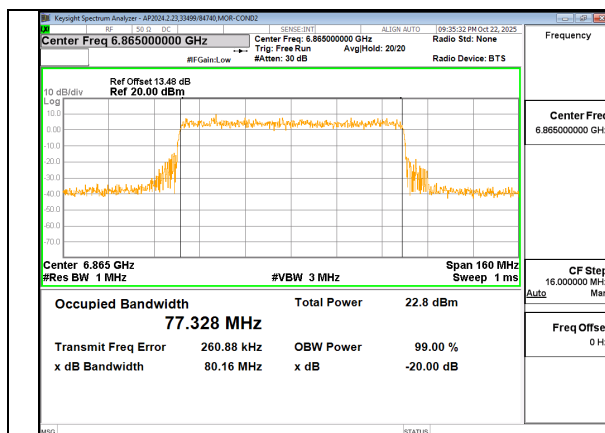
**LOW CHANNEL CHAIN 0**



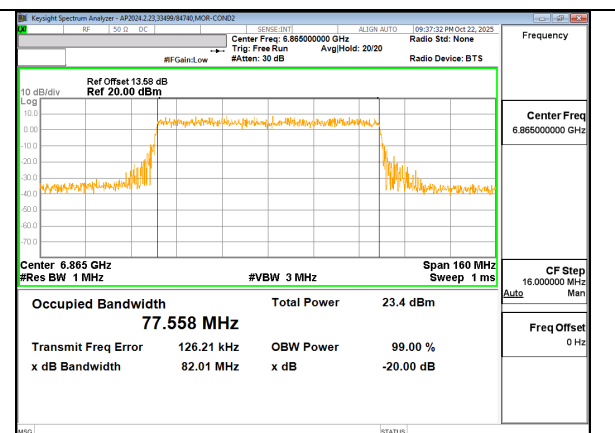
**LOW CHANNEL CHAIN 1**

**9.4.21. 802.11be EHT80 MODE 2TX IN THE UNII-8 BAND**  
**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T**

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6865            | 77.328                      | 77.558                      | 320         | -242.44                 |
| Mid     | 6945            | 77.611                      | 77.586                      | 320         | -242.39                 |
| High    | 7025            | 77.350                      | 77.494                      | 320         | -242.51                 |



**LOW CHANNEL CHAIN 0**

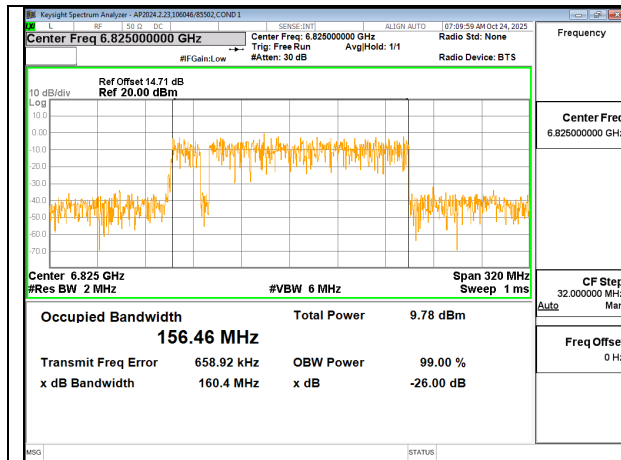


**LOW CHANNEL CHAIN 1**

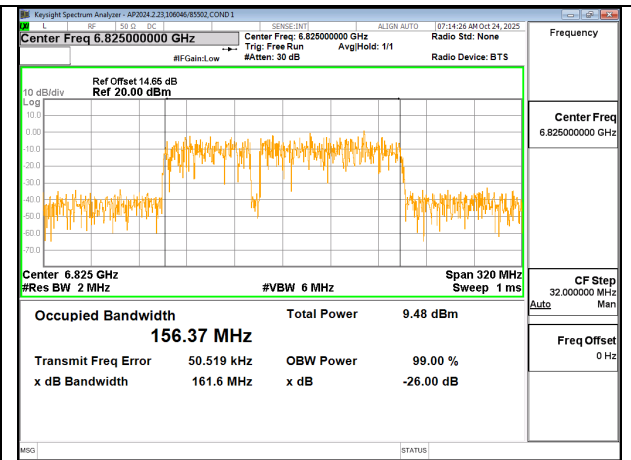
### 9.4.22. 802.11be EHT160 MODE 2TX IN THE UNII-8 BAND

#### 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6825            | 156.460                     | 156.370                     | 320         | -163.54                 |
| High    | 6985            | 156.590                     | 156.840                     | 320         | -163.16                 |



LOW CHANNEL CHAIN 0

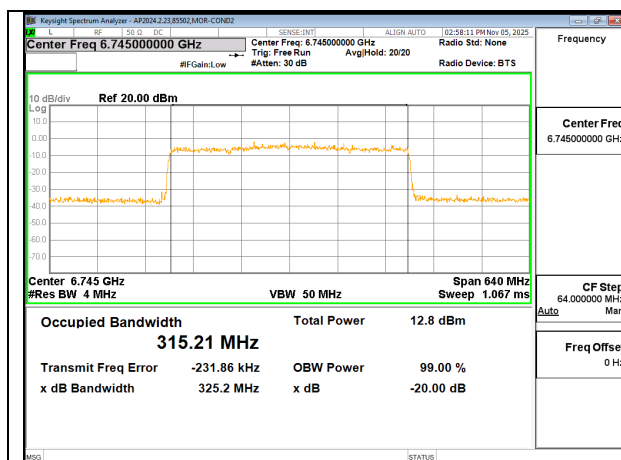


LOW CHANNEL CHAIN 1

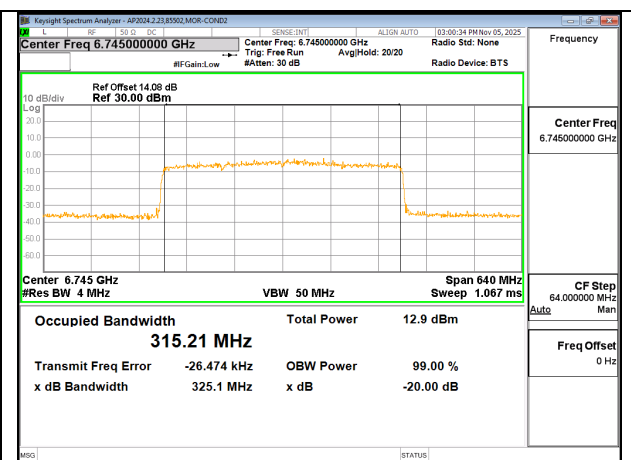
### 9.4.23. 802.11be EHT320 MODE 2TX IN THE UNII-8 BAND

#### 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

| Channel | Frequency (MHz) | 99% Bandwidth Chain 0 (MHz) | 99% Bandwidth Chain 1 (MHz) | Limit (MHz) | Worst-Case Margin (MHz) |
|---------|-----------------|-----------------------------|-----------------------------|-------------|-------------------------|
| Low     | 6745            | 315.210                     | 315.210                     | 320         | -4.79                   |
| High    | 6905            | 315.590                     | 315.400                     | 320         | -4.41                   |



LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

## **9.5. SPURIOUS EMISSIONS IN-BAND – EMISSION MASK**

### **LIMITS**

FCC §15.407 (b)(7)  
RSS-248 4.6.2 (b)

(6) For transmitters operating within the 5.925-7.125 GHz bands: power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

### **TEST PROCEDURE**

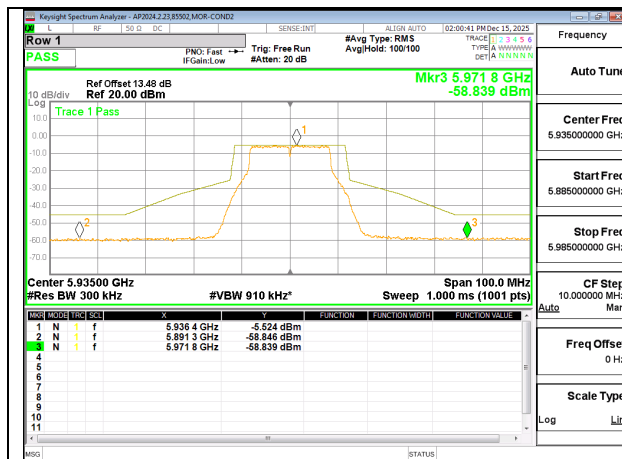
Per KDB 987594 D02 v01r01, Section J

Note. In case of 20 & 40 MHz bandwidth, test was performed by setting the RBW to 1MHz which is larger than that used for the 26dB bandwidth measurement.  
This is a deviation from the procedures but represents a more conservative measurement.

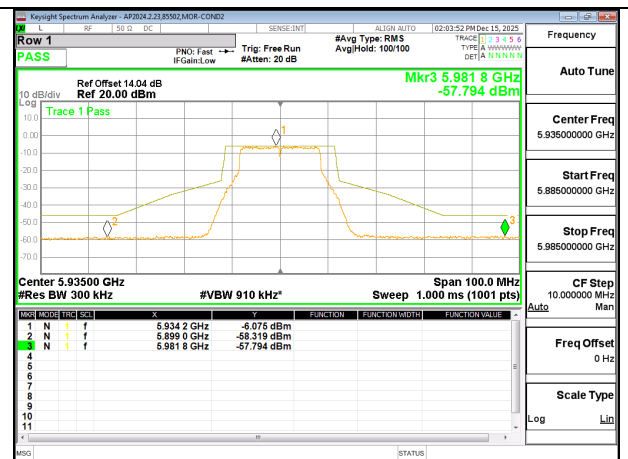
### **RESULTS**

## 9.5.1. 802.11a MODE

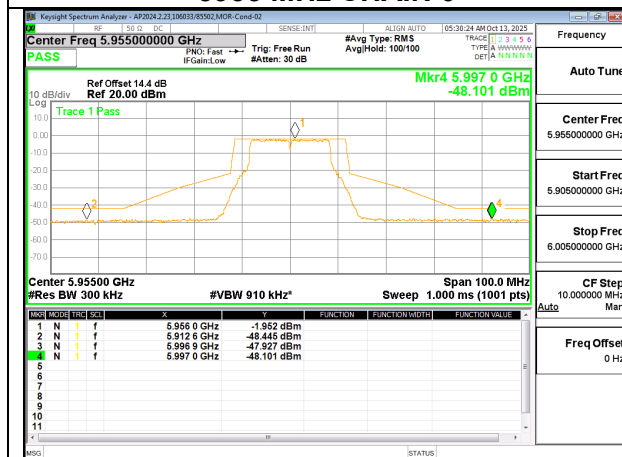
### STANDARD POWER (UNII5)



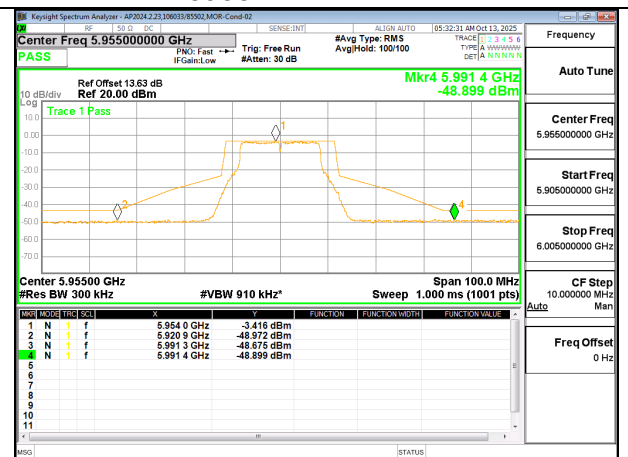
5935 MHz CHAIN 0



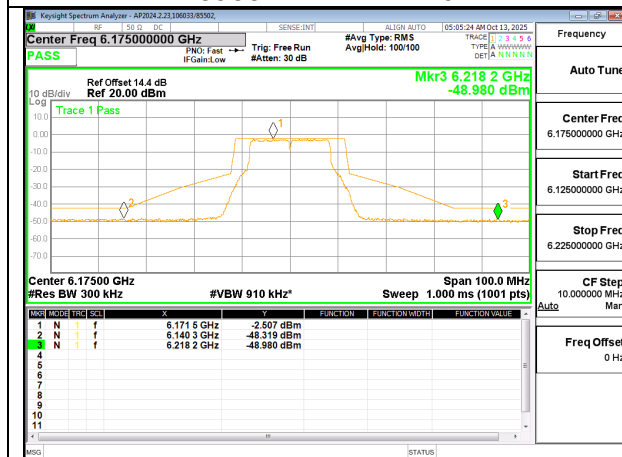
5935 MHz CHAIN 1



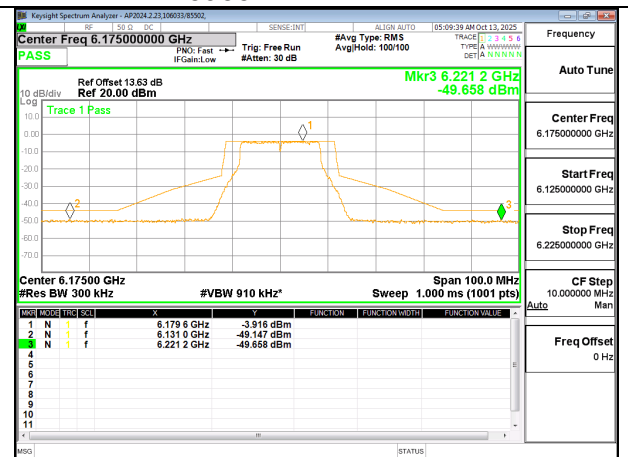
5955 MHz CHAIN 0



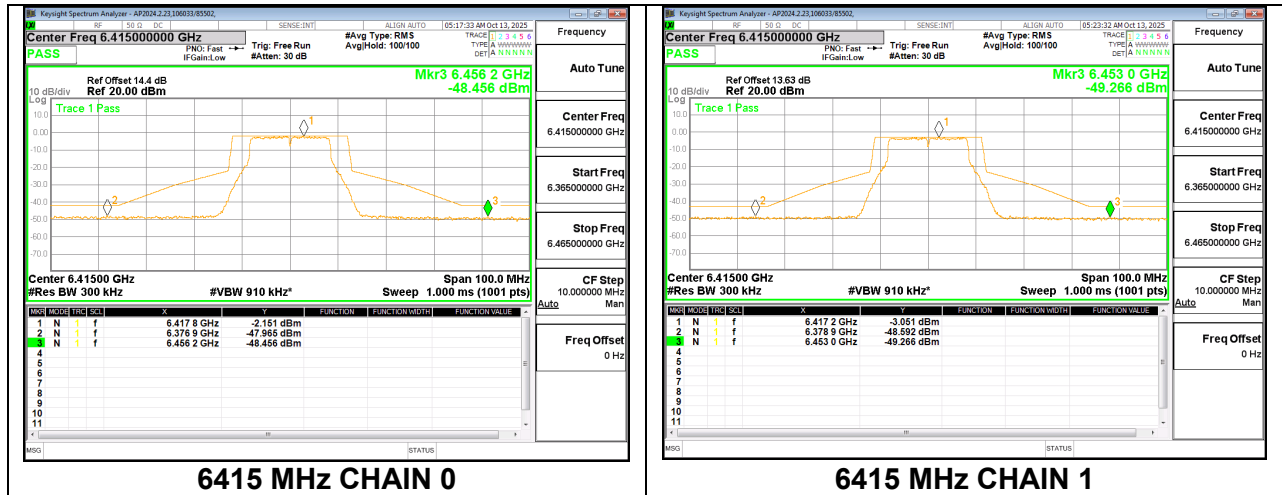
5955 MHz CHAIN 1



6175 MHz CHAIN 0



6175 MHz CHAIN 1



# **LOW POWER INDOOR (UNII 5)**

Note – 5935 MHz LPI settings are same as 5955 MHz LPI.

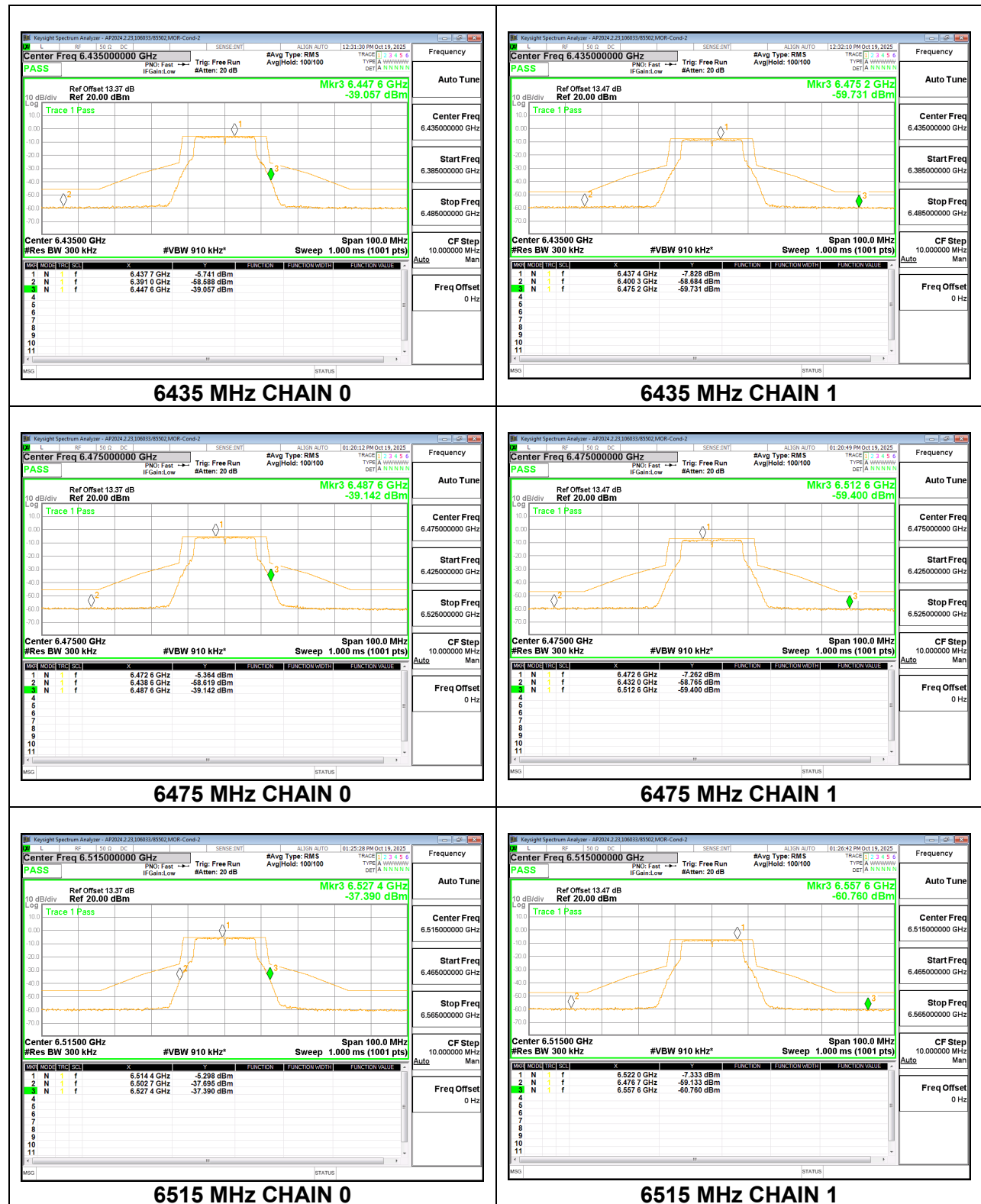


# **VERY LOW POWER (UNII5)**

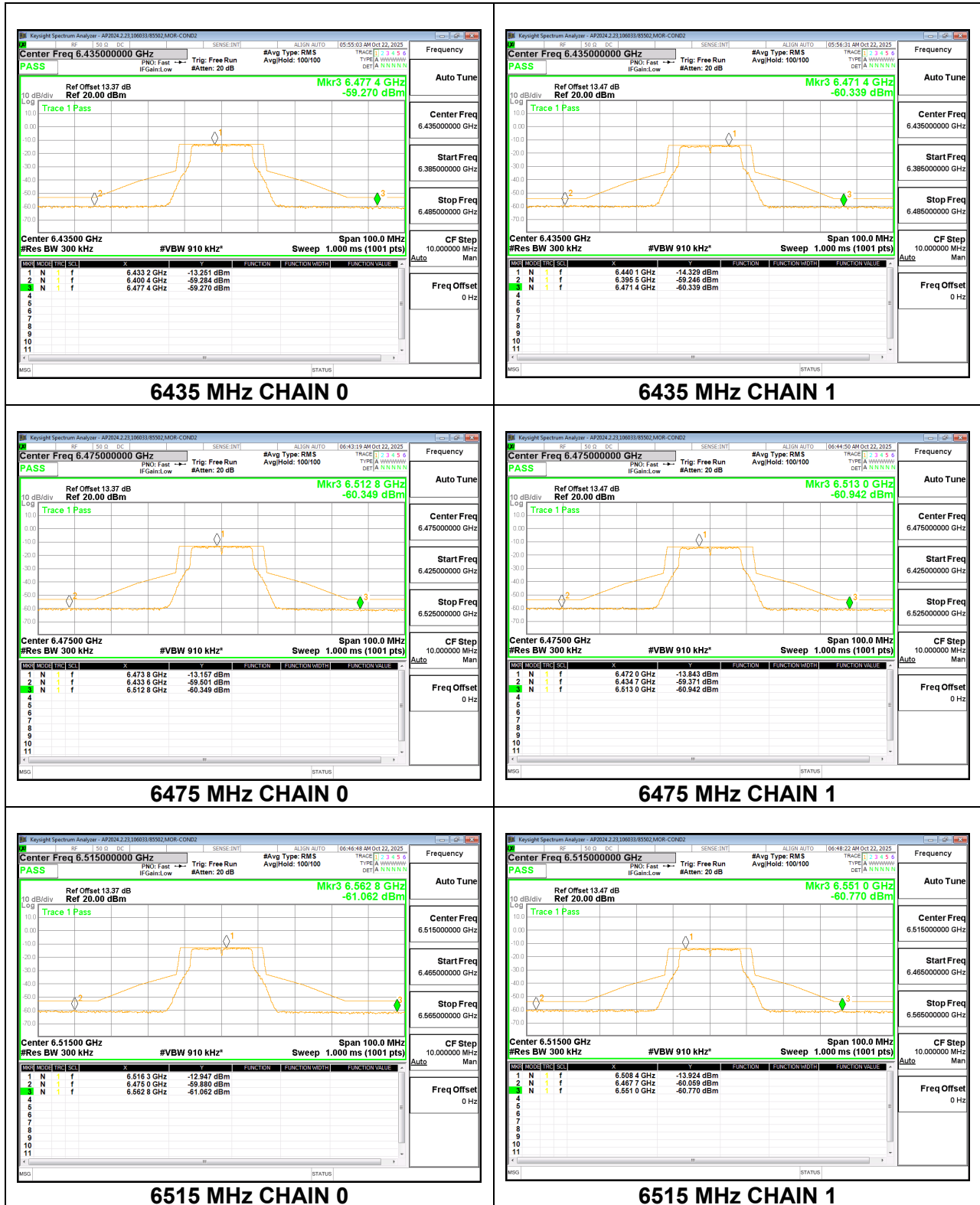
Note – 5935 MHz VLP settings are same as 5955 MHz VLP.



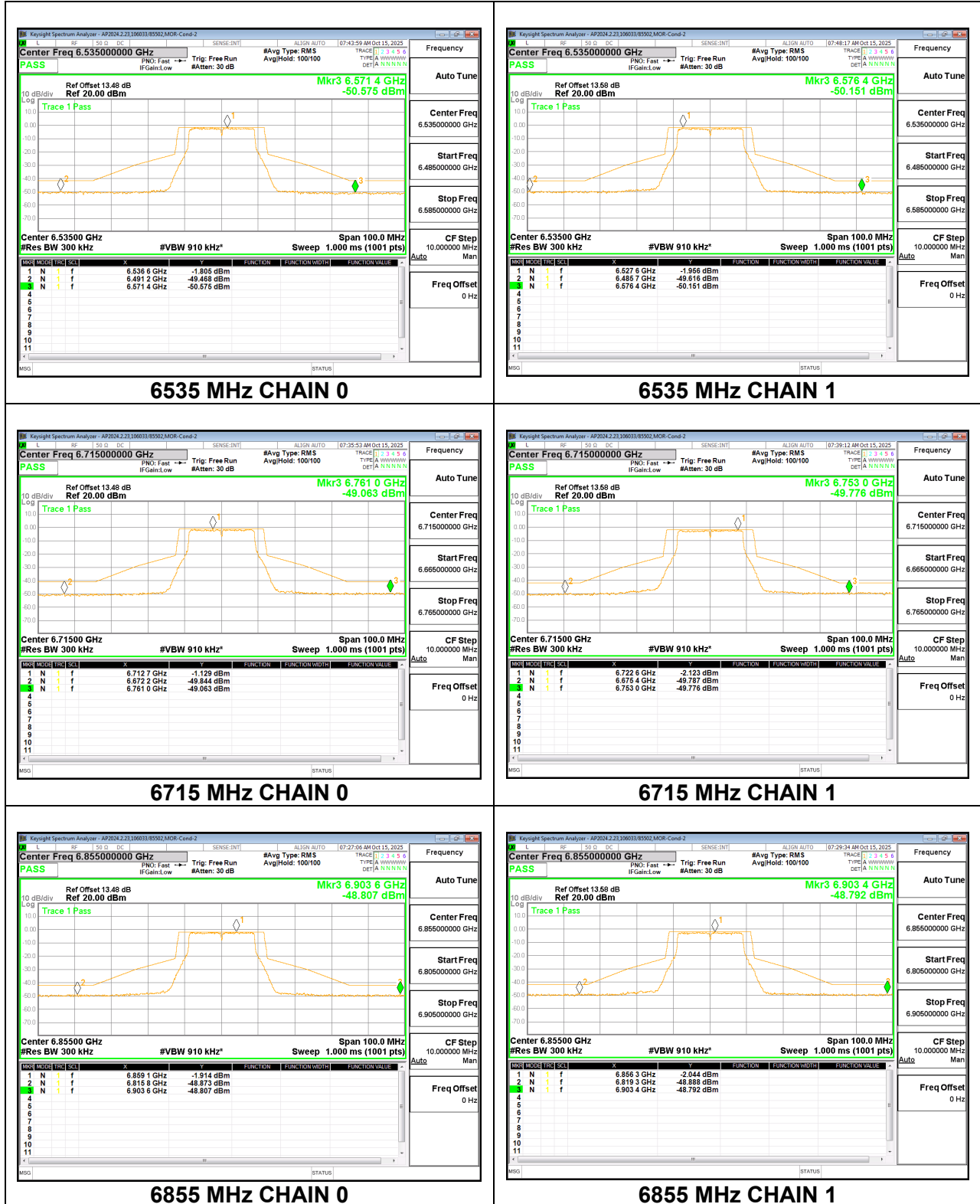
# LOW POWER INDOOR (UNII 6)



VERY LOW POWER (UNII6)



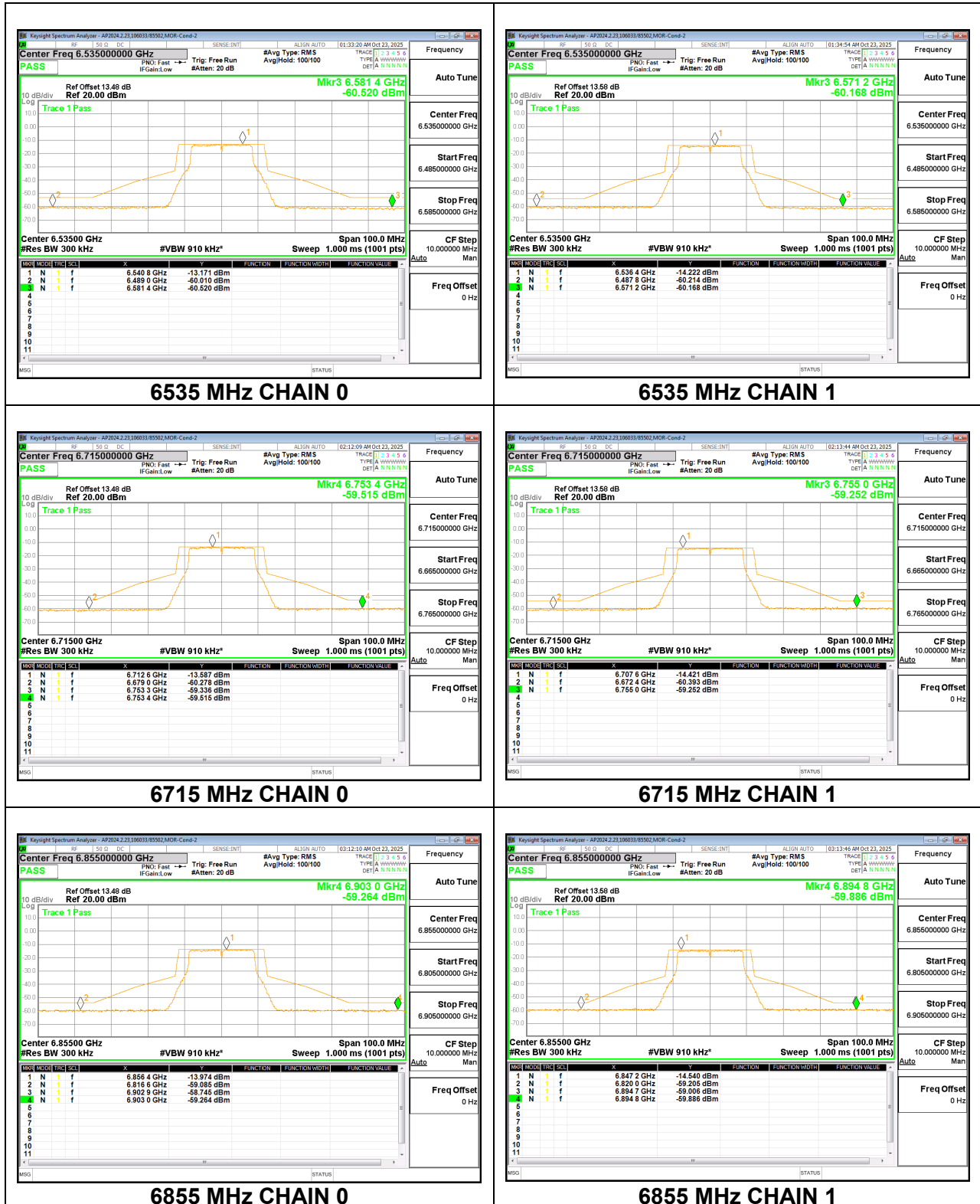
# STANDARD POWER (UNII7)



# LOW POWER INDOOR (UNII 7)



**VERY LOW POWER (UNII7)**



**LOW POWER INDOOR (UNII 8)**

