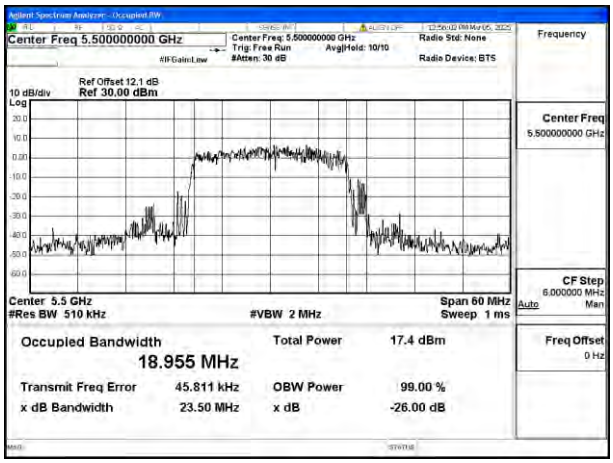
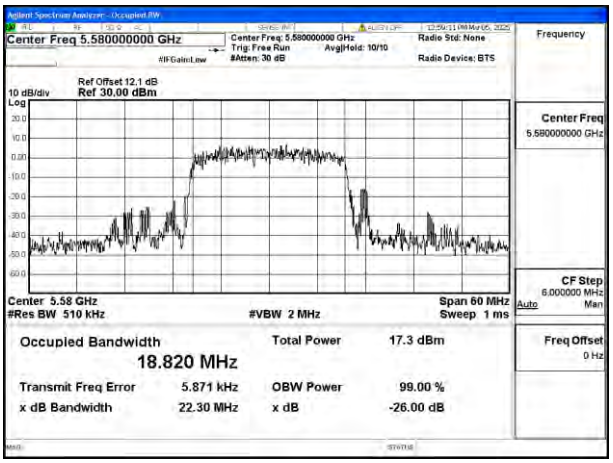
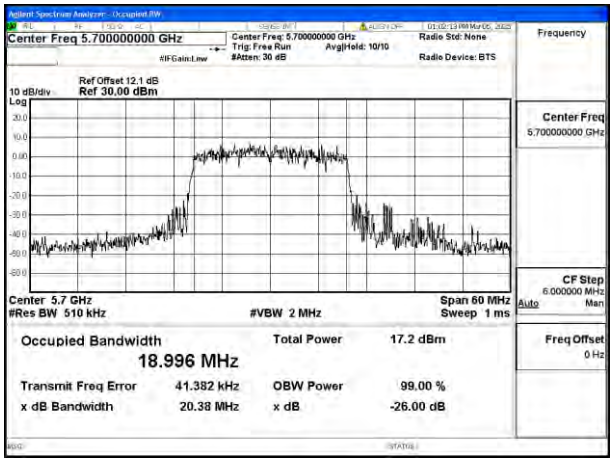
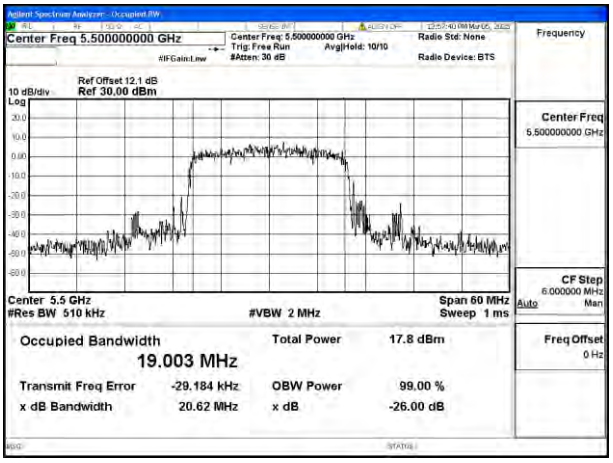
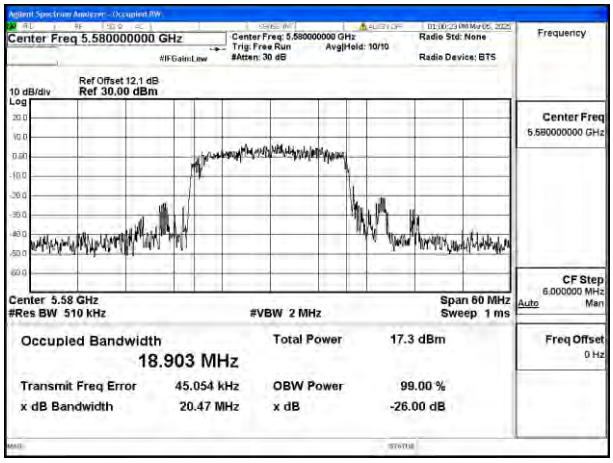
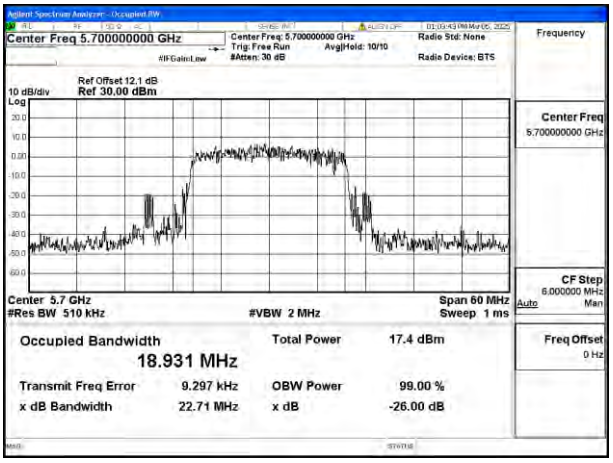
Test Mode: 802.11ax HE20

| | |
|---|---|
|  |  |
| Mode:802.11ax HE20 Frequency:5500MHz<br>Ant:Chain0 | Mode:802.11ax HE20 Frequency:5580MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11ax HE20 Frequency:5700MHz<br>Ant:Chain0 | Mode:802.11ax HE20 Frequency:5500MHz<br>Ant:Chain1 |




Mode:802.11ax HE20 Frequency:5580MHz

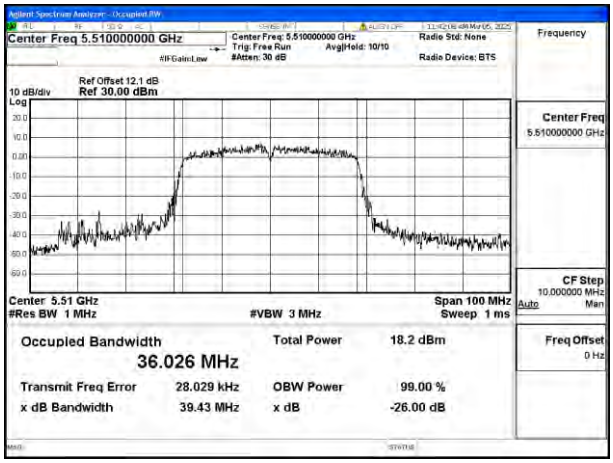
Ant:Chain1




Mode:802.11ax HE20 Frequency:5700MHz

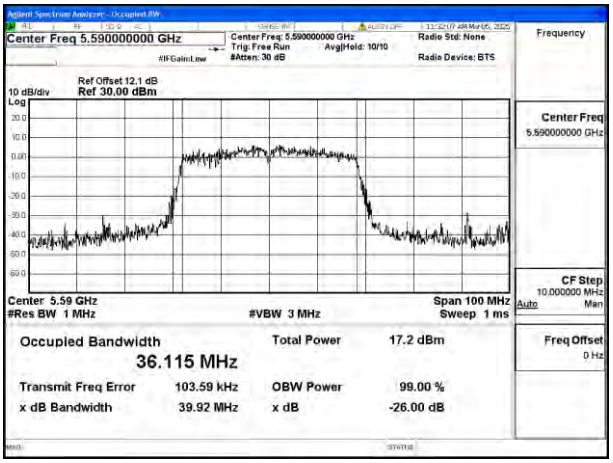
Ant:Chain1

Test Mode: 802.11n HT40



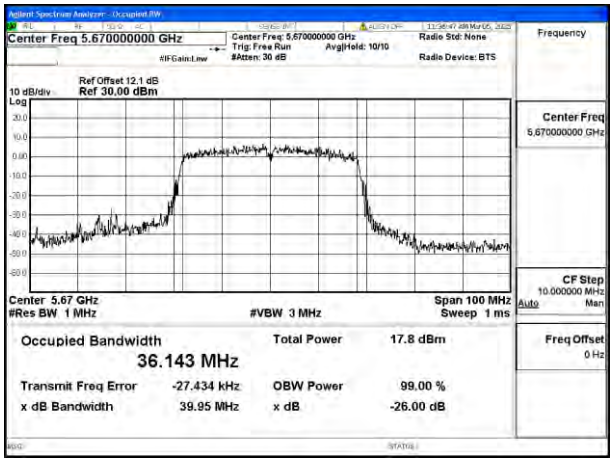

Mode:802.11n HT40 Frequency:5510MHz

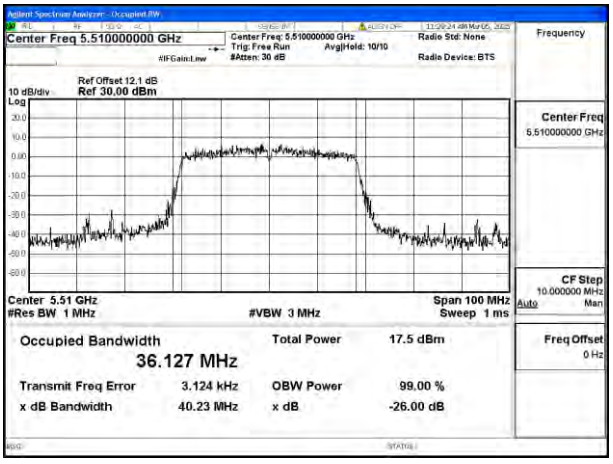
Ant:Chain0

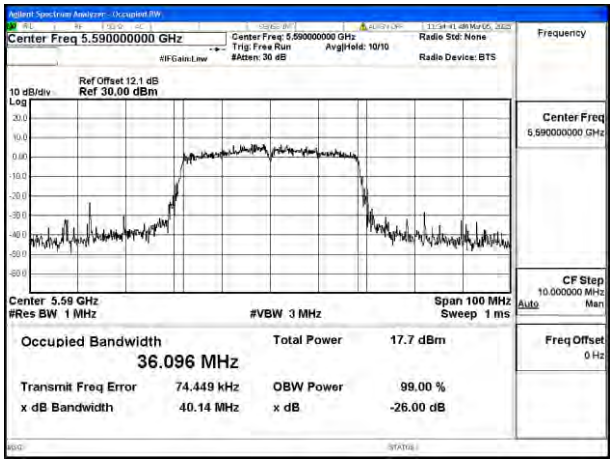
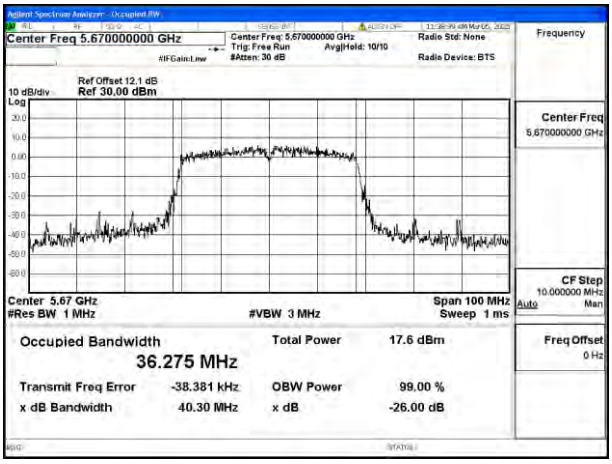



Mode:802.11n HT40 Frequency:5590MHz

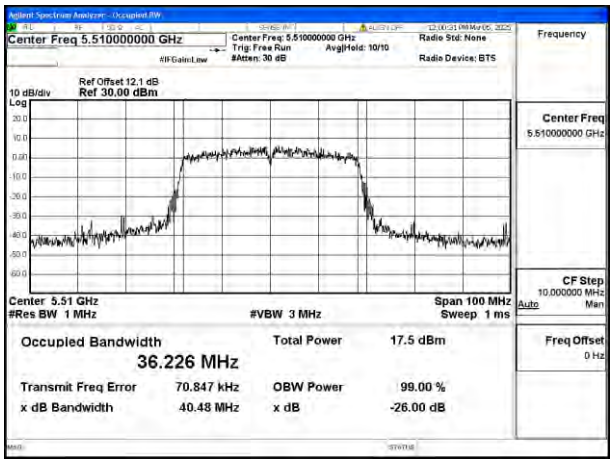
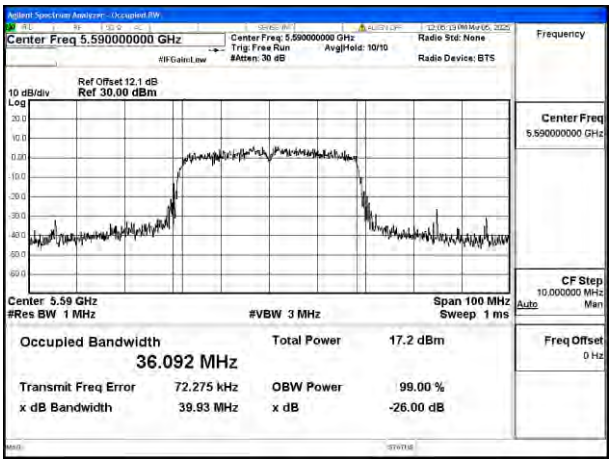
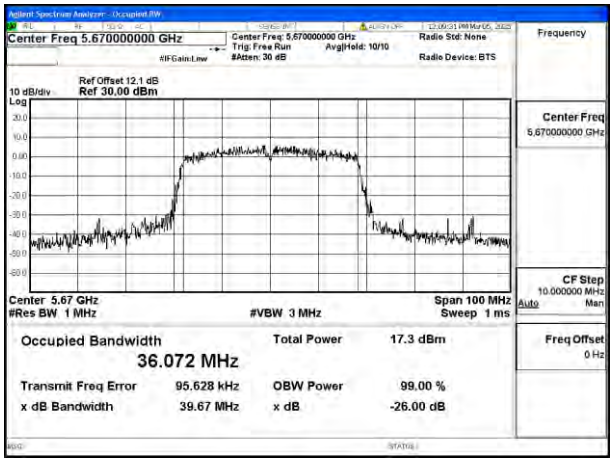
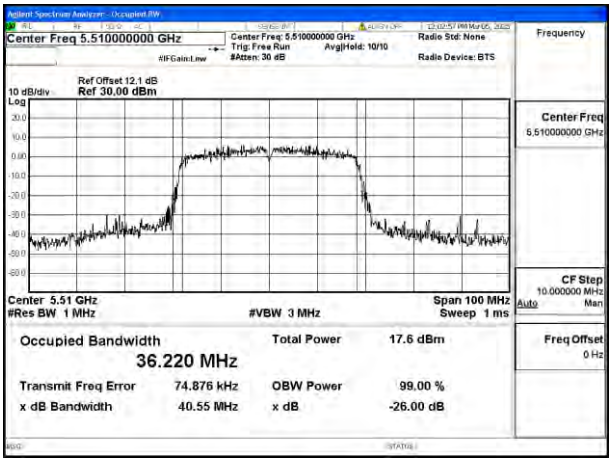
Ant:Chain0

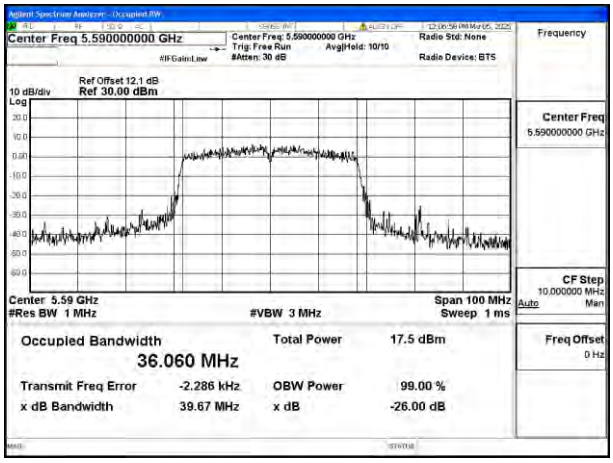


| Mode:802.11n HT40 Frequency:5670MHz<br>Ant:Chain0 | Mode:802.11n HT40 Frequency:5510MHz<br>Ant:Chain1 |
|---|---|
|  |  |
| Mode:802.11n HT40 Frequency:5590MHz<br>Ant:Chain1 | Mode:802.11n HT40 Frequency:5670MHz<br>Ant:Chain1 |

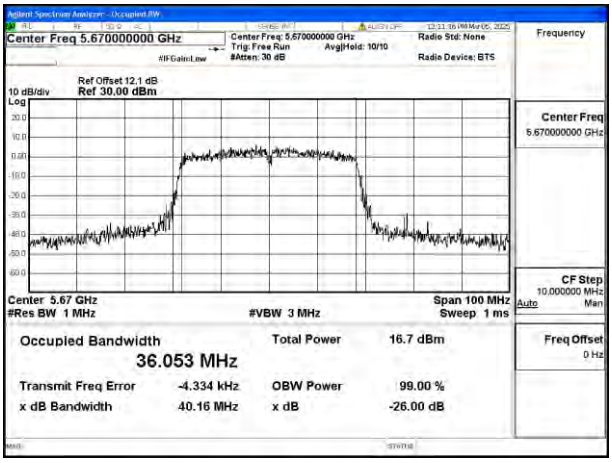
Test Mode: 802.11ac VHT40

| | |
|---|---|
|  |  |
| Mode:802.11ac VHT40 Frequency:5510MHz<br>Ant:Chain0 | Mode:802.11ac VHT40 Frequency:5590MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11ac VHT40 Frequency:5670MHz<br>Ant:Chain0 | Mode:802.11ac VHT40 Frequency:5510MHz<br>Ant:Chain1 |




Mode:802.11ac VHT40 Frequency:5590MHz

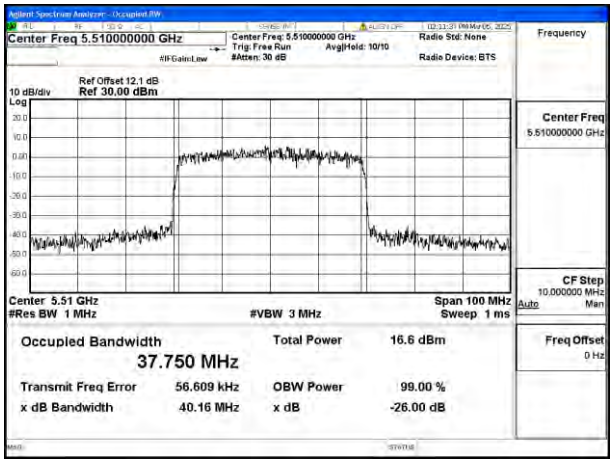
Ant:Chain1




Mode:802.11ac VHT40 Frequency:5670MHz

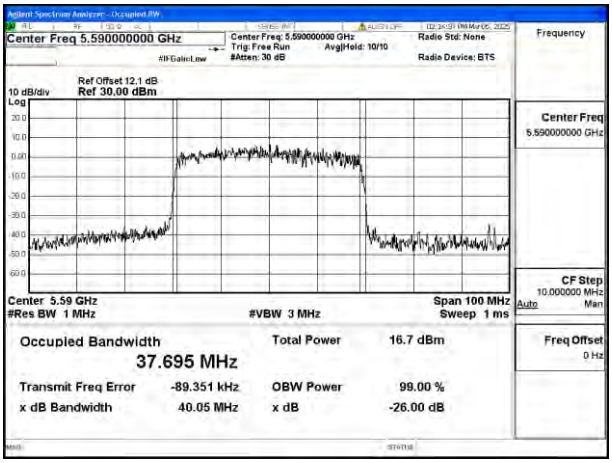
Ant:Chain1

Test Mode: 802.11ax HE40



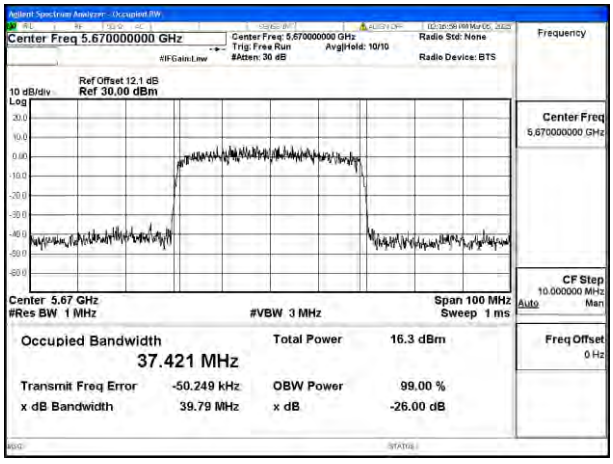

Mode:802.11ax HE40 Frequency:5510MHz

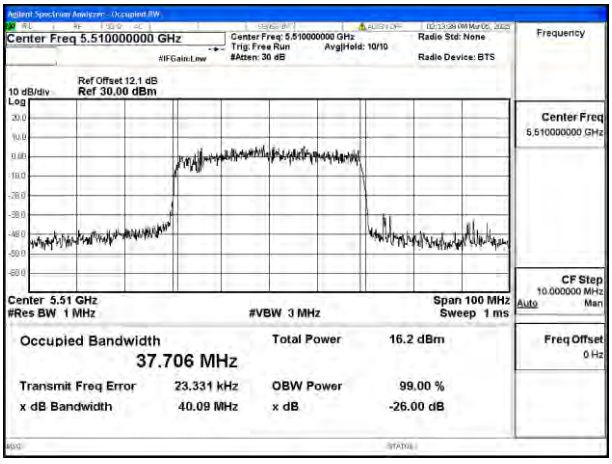
Ant:Chain0

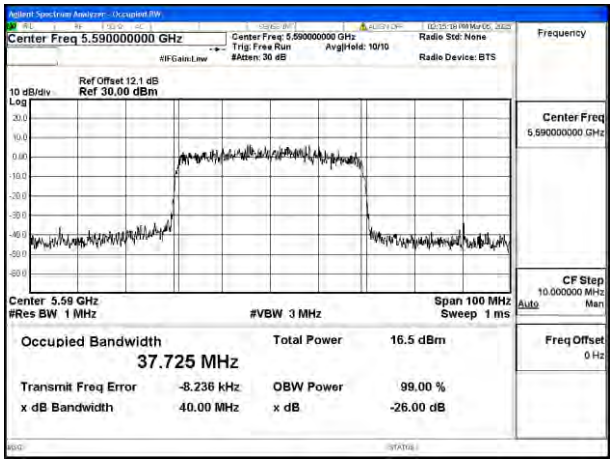
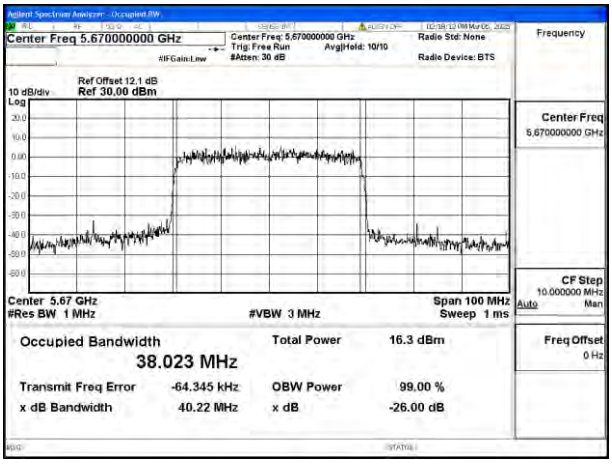



Mode:802.11ax HE40 Frequency:5590MHz

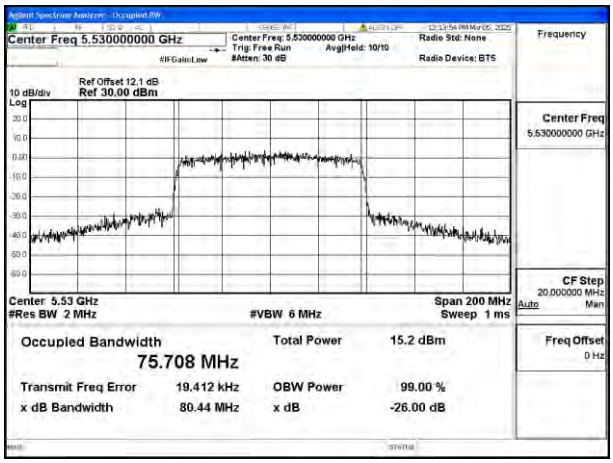
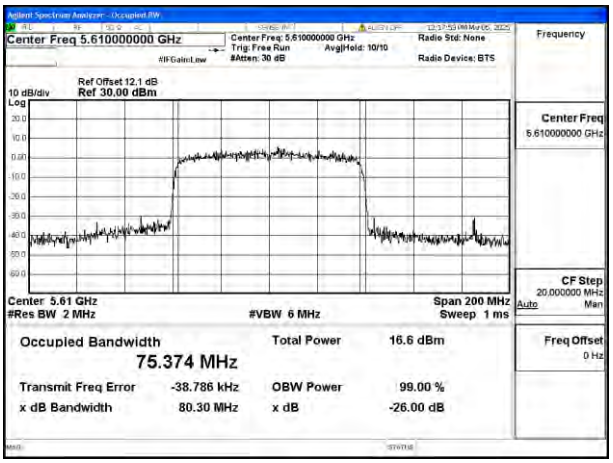
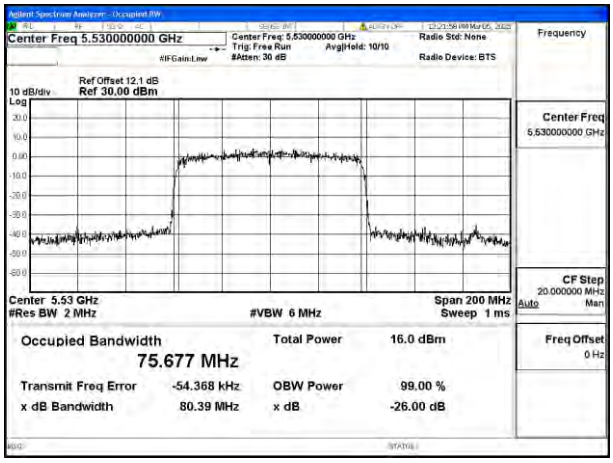
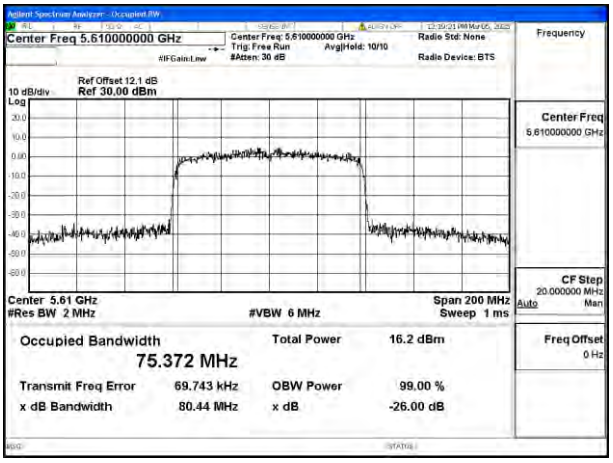
Ant:Chain0



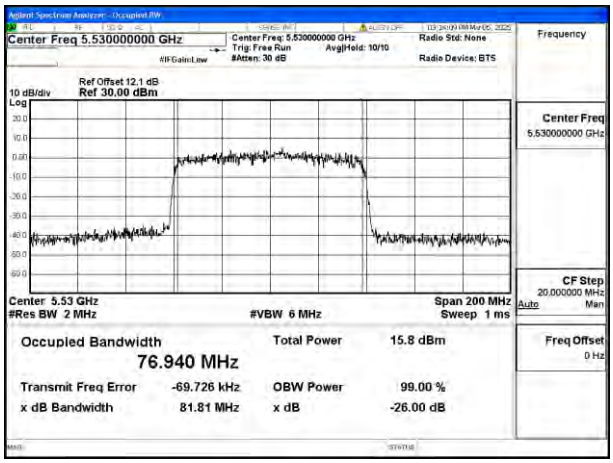



| Mode:802.11ax HE40 Frequency:5670MHz<br>Ant:Chain0 | Mode:802.11ax HE40 Frequency:5510MHz<br>Ant:Chain1 |
|---|---|
|  |  |
| Mode:802.11ax HE40 Frequency:5590MHz<br>Ant:Chain1 | Mode:802.11ax HE40 Frequency:5670MHz<br>Ant:Chain1 |

Test Mode: 802.11ac VHT80

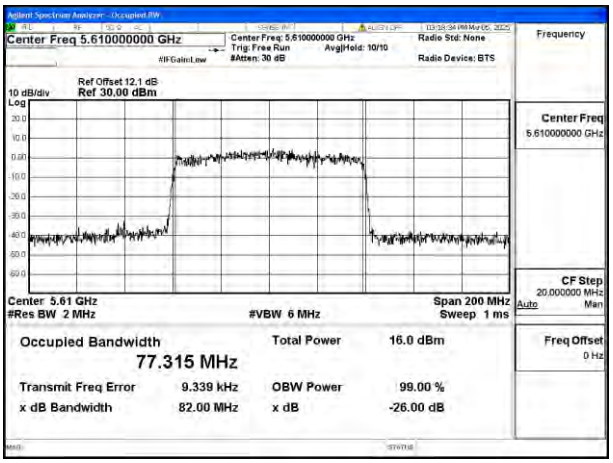
| | |
|---|---|
|  |  |
| Mode:802.11ac VHT80 Frequency:5530MHz<br>Ant:Chain0 | Mode:802.11ac VHT80 Frequency:5610MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11ac VHT80 Frequency:5530MHz<br>Ant:Chain1 | Mode:802.11ac VHT80 Frequency:5610MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE80



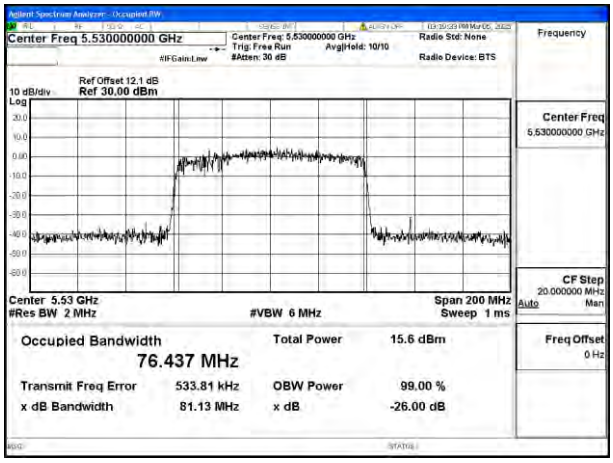

Mode:802.11ax HE80 Frequency:5530MHz

Ant:Chain0



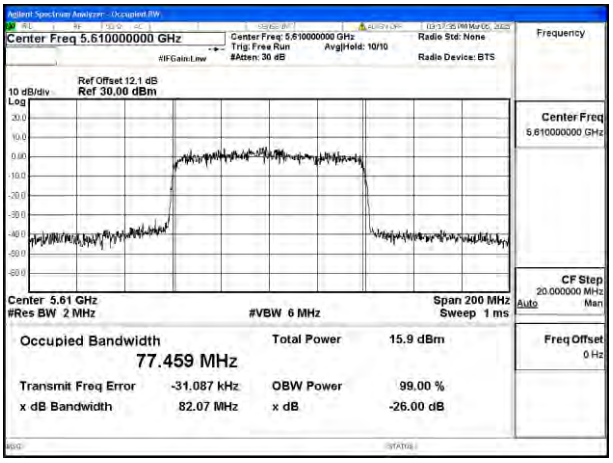

Mode:802.11ax HE80 Frequency:5610MHz

Ant:Chain0




Mode:802.11ax HE80 Frequency:5530MHz

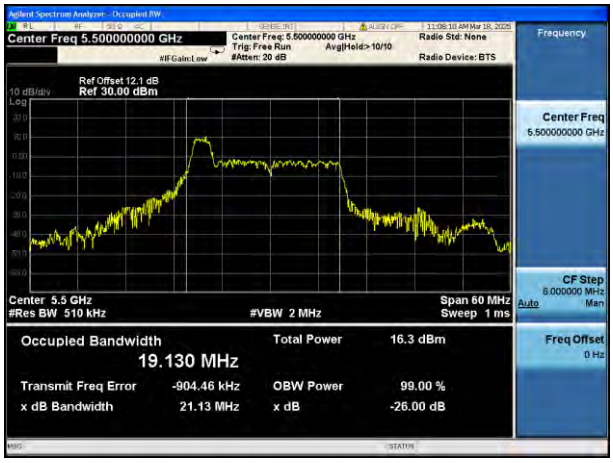
Ant:Chain1



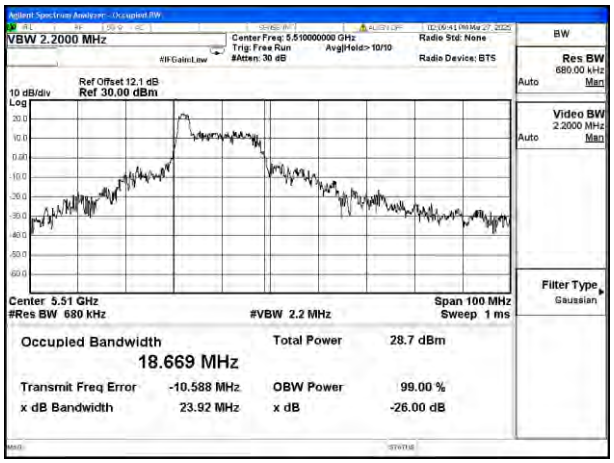

Mode:802.11ax HE80 Frequency:5610MHz

Ant:Chain1

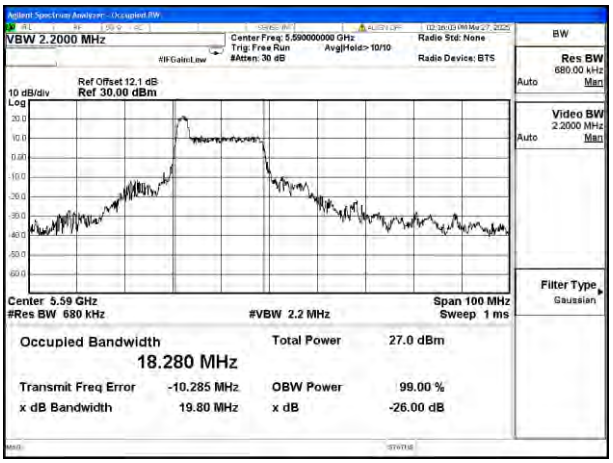
Test Mode: 802.11ax HE20 26T

| | |
|---|---|
|  | |
| Mode:802.11ax HE20 26T Frequency:5500MHz<br>Ant:Chain0 | Mode:802.11ax HE20 26T Frequency:5580MHz<br>Ant:Chain0 |
| | |
| Mode:802.11ax HE20 26T Frequency:5700MHz<br>Ant:Chain0 | Mode:802.11ax HE20 26T Frequency:5500MHz<br>Ant:Chain1 |
| | |
| Mode:802.11ax HE20 26T Frequency:5580MHz<br>Ant:Chain1 | Mode:802.11ax HE20 26T Frequency:5700MHz<br>Ant:Chain1 |

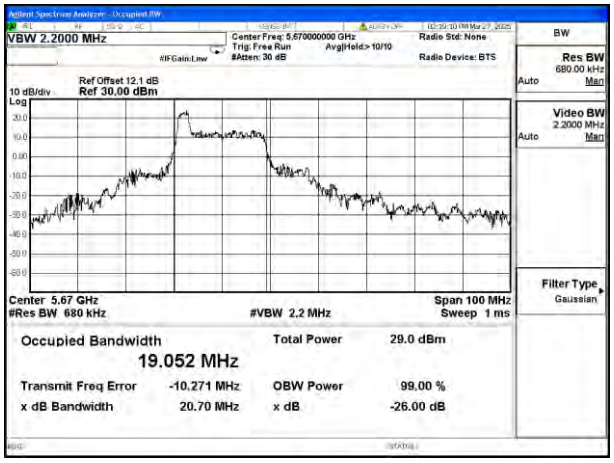
Test Mode: 802.11ax HE40 26T



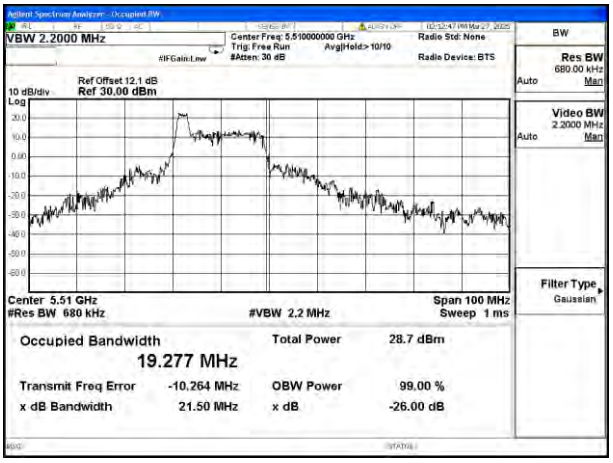

Mode:802.11ax HE40 26T Frequency:5510MHz Ant:Chain0



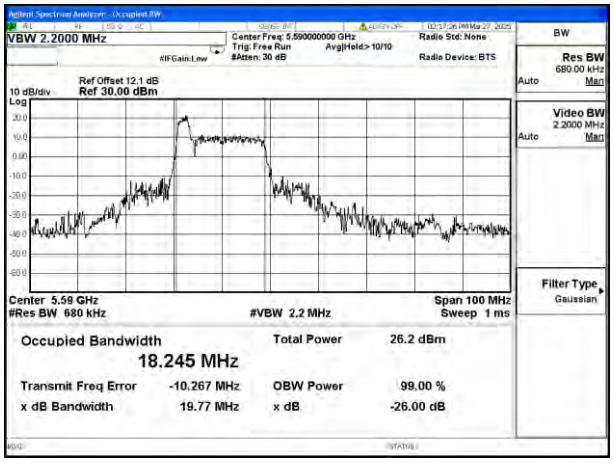

Mode:802.11ax HE40 26T Frequency:5590MHz Ant:Chain0



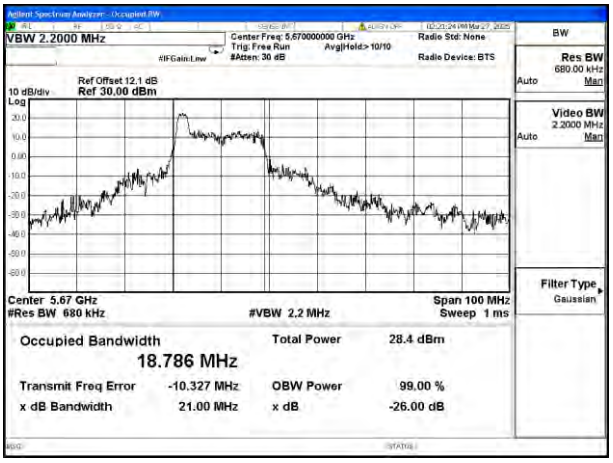

Mode:802.11ax HE40 26T Frequency:5670MHz Ant:Chain0




Mode:802.11ax HE40 26T Frequency:5510MHz Ant:Chain1



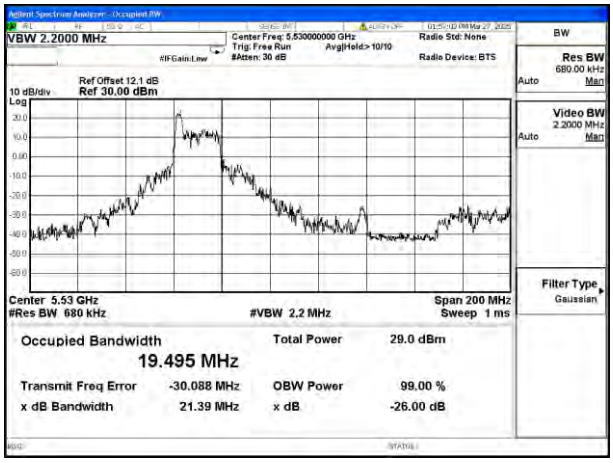
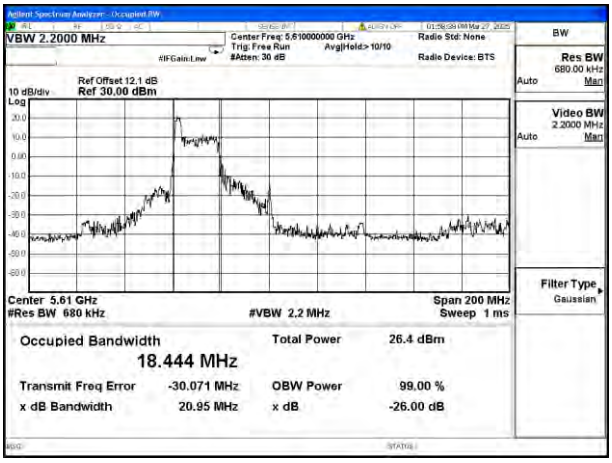

Mode:802.11ax HE40 26T Frequency:5590MHz

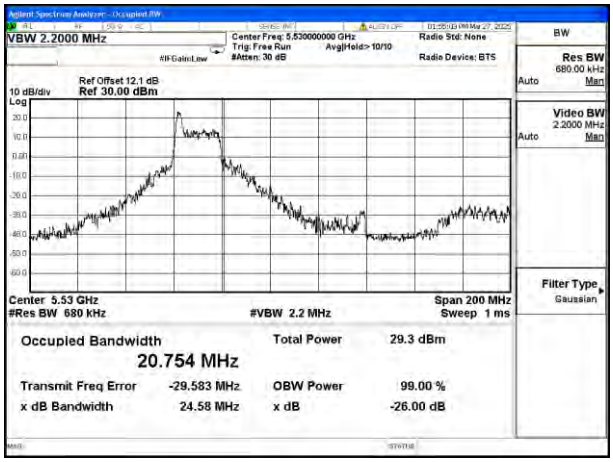
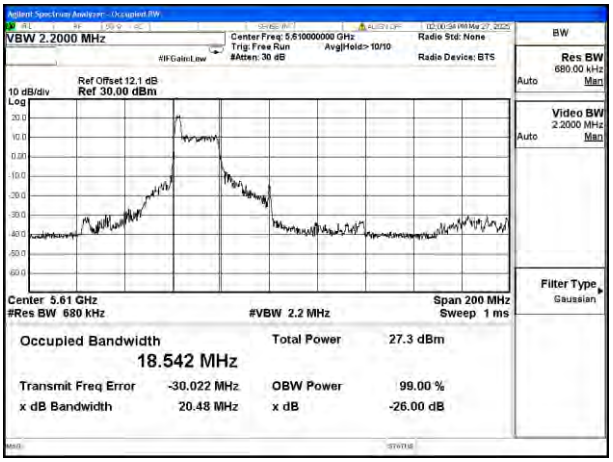



Mode:802.11ax HE40 26T Frequency:5670MHz

| Ant:Chain1 | Ant:Chain1 |
|---|---|

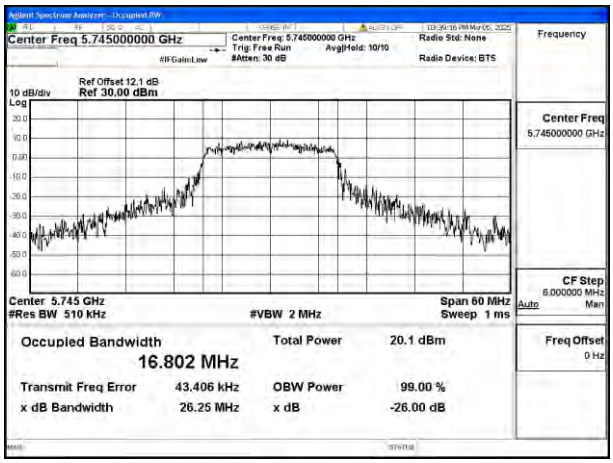
Test Mode: 802.11ax HE80 26T

| | |
|---|---|
|  |  |
| Mode:802.11ax HE80 26T Frequency:5530MHz<br>Ant:Chain0 | Mode:802.11ax HE80 26T Frequency:5610MHz<br>Ant:Chain0 |

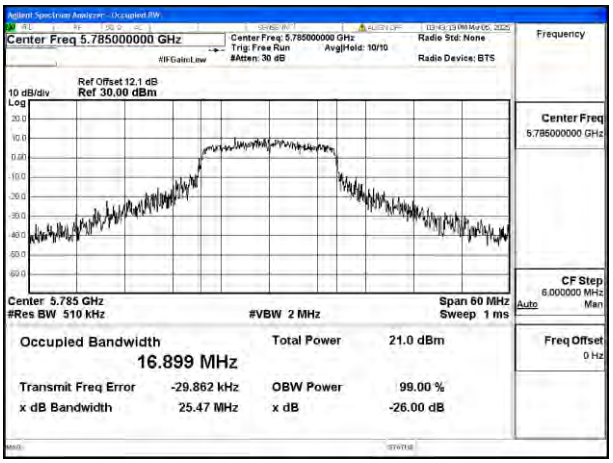
| | |
|---|---|
|  |  |
| Mode:802.11ax HE80 26T Frequency:5530MHz<br>Ant:Chain1 | Mode:802.11ax HE80 26T Frequency:5610MHz<br>Ant:Chain1 |

U-NII-3

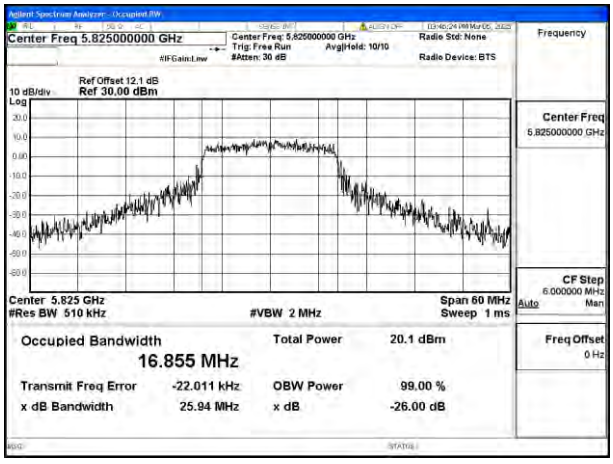
Test Mode: 802.11a



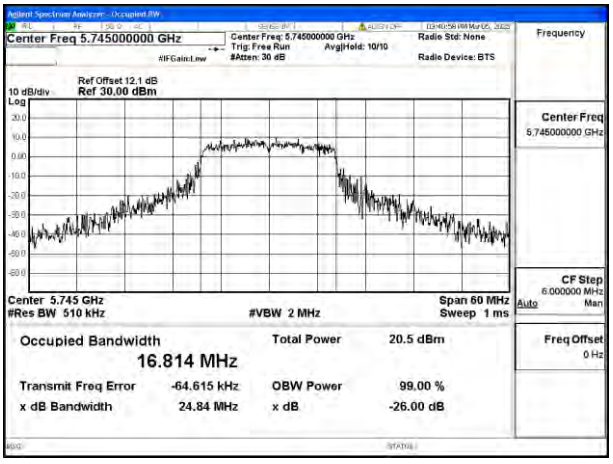

Mode:802.11a Frequency:5745MHz Ant:Chain0



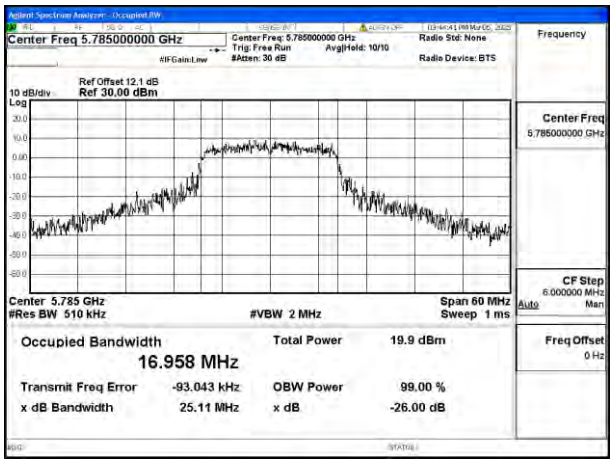

Mode:802.11a Frequency:5785MHz Ant:Chain0



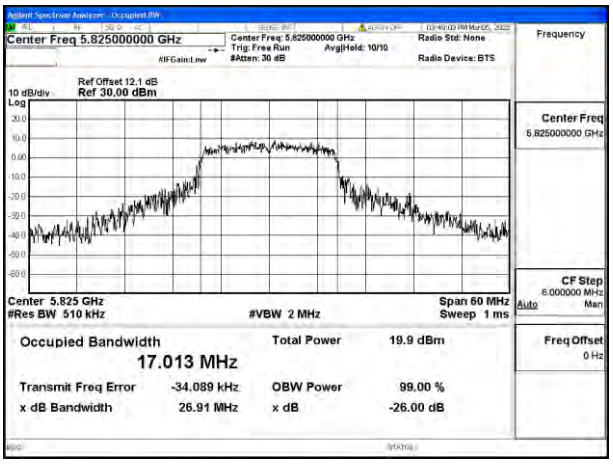

Mode:802.11a Frequency:5825MHz Ant:Chain0




Mode:802.11a Frequency:5745MHz Ant:Chain1

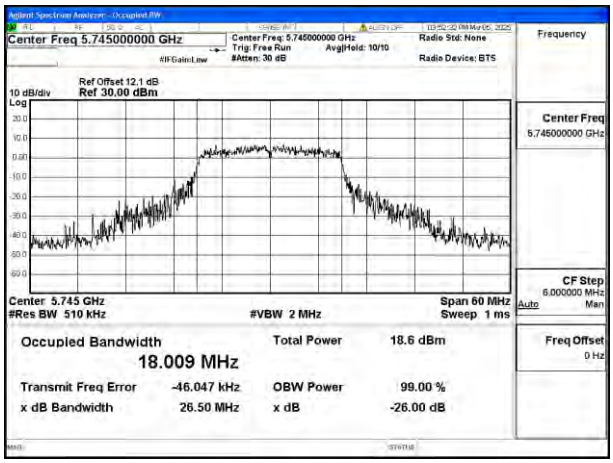



Mode:802.11a Frequency:5785MHz Ant:Chain1



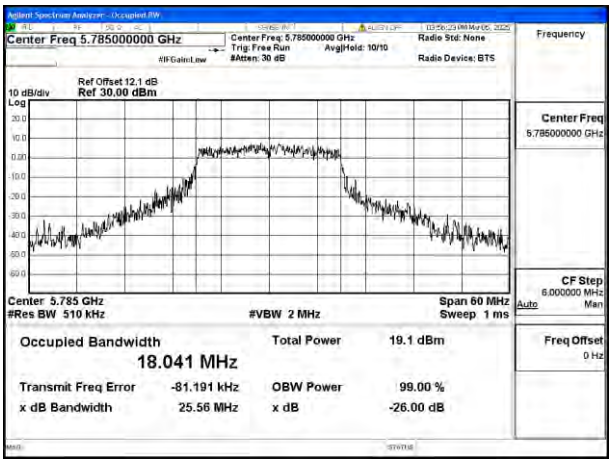

Mode:802.11a Frequency:5825MHz Ant:Chain1

Test Mode: 802.11n HT20



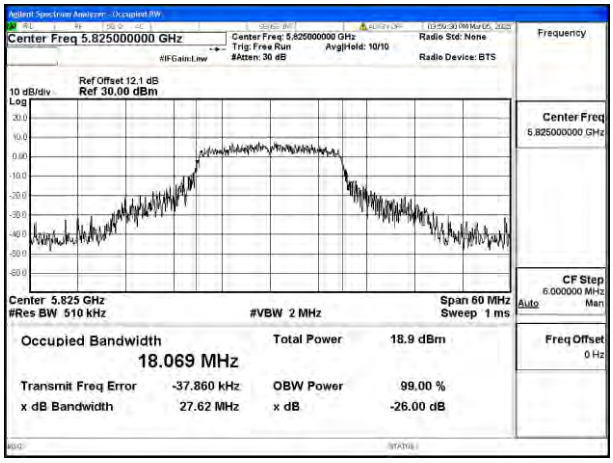

Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain0



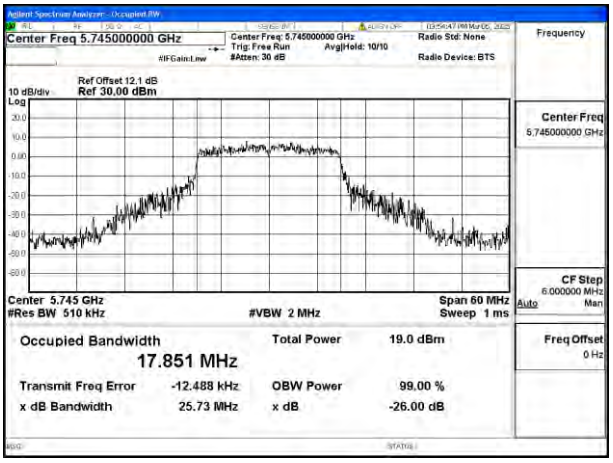

Mode:802.11n HT20 Frequency:5785MHz

Ant:Chain0



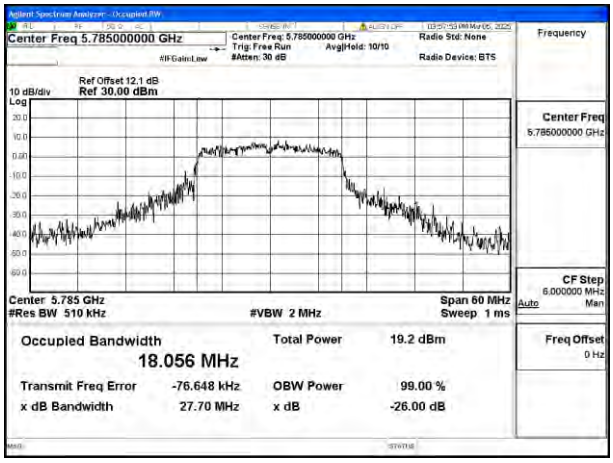

Mode:802.11n HT20 Frequency:5825MHz

Ant:Chain0



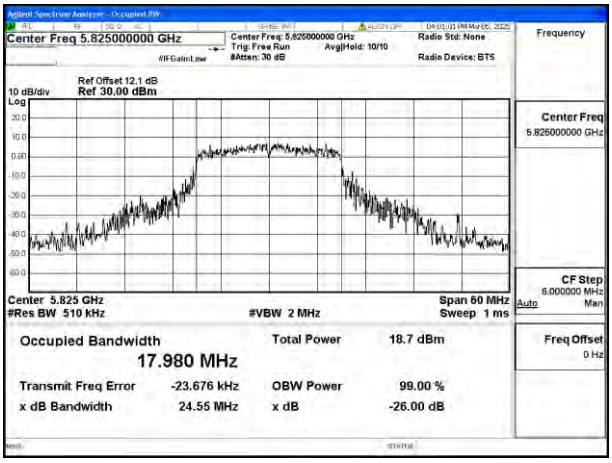

Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain1




Mode:802.11n HT20 Frequency:5785MHz

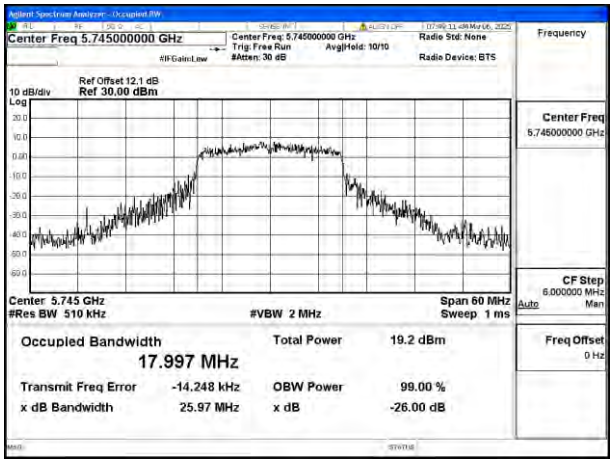
Ant:Chain1




Mode:802.11n HT20 Frequency:5825MHz

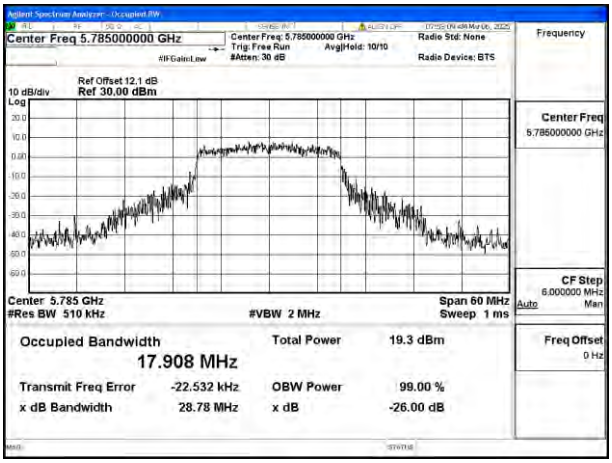
Ant:Chain1

## Test Mode: 802.11ac VHT20



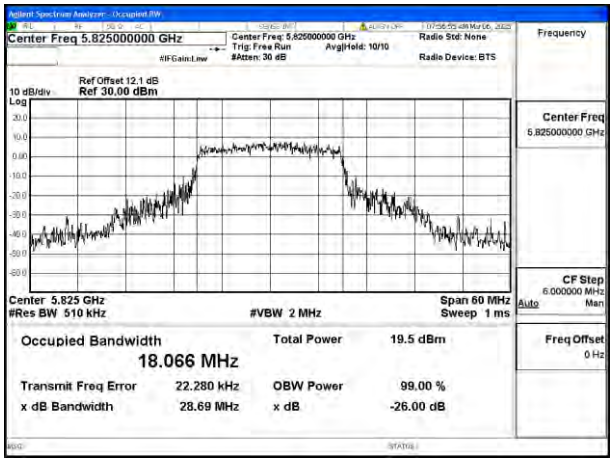

Mode:802.11ac VHT20 Frequency:5745MHz

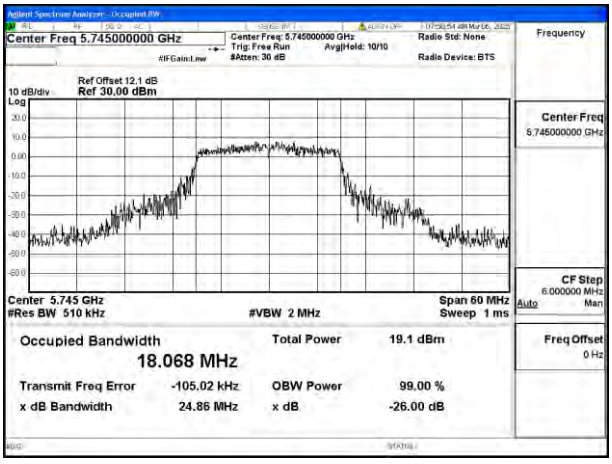
Ant:Chain0

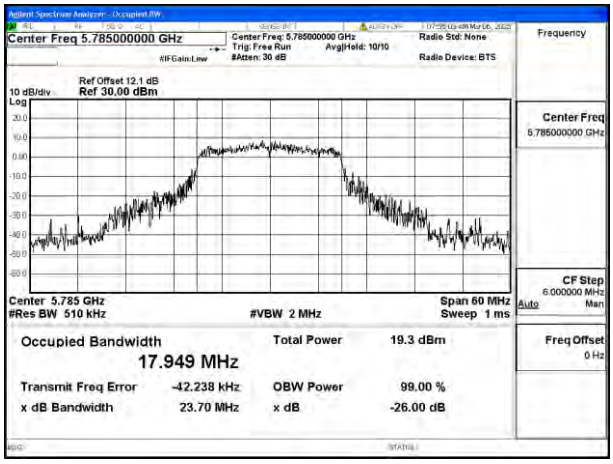
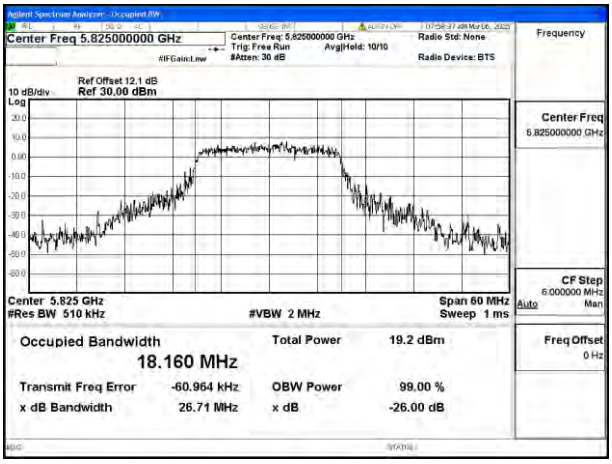



Mode:802.11ac VHT20 Frequency:5785MHz

Ant:Chain0



| Mode:802.11ac VHT20 Frequency:5825MHz<br>Ant:Chain0 | Mode:802.11ac VHT20 Frequency:5745MHz<br>Ant:Chain1 |
|---|---|
|  |  |
| Mode:802.11ac VHT20 Frequency:5785MHz<br>Ant:Chain1 | Mode:802.11ac VHT20 Frequency:5825MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE20

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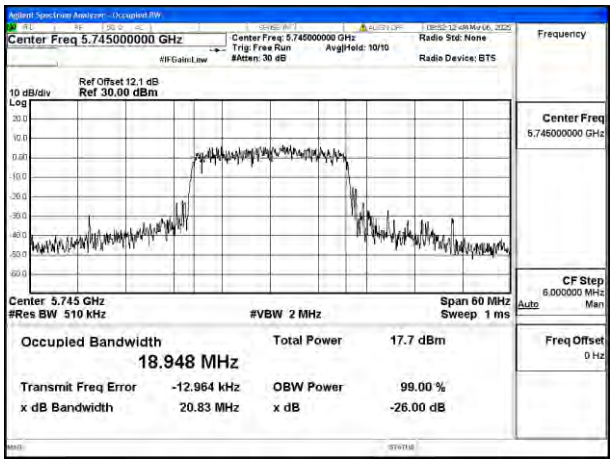
<td> 
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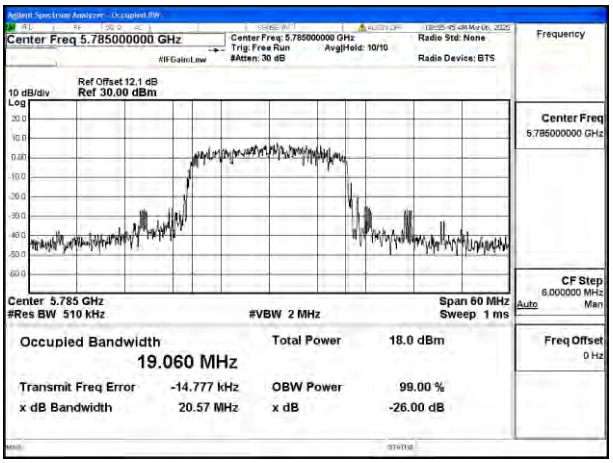
<td> 
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<td>Mode:802.11ax HE20 Frequency:5785MHz<br>Ant:Chain0</td>
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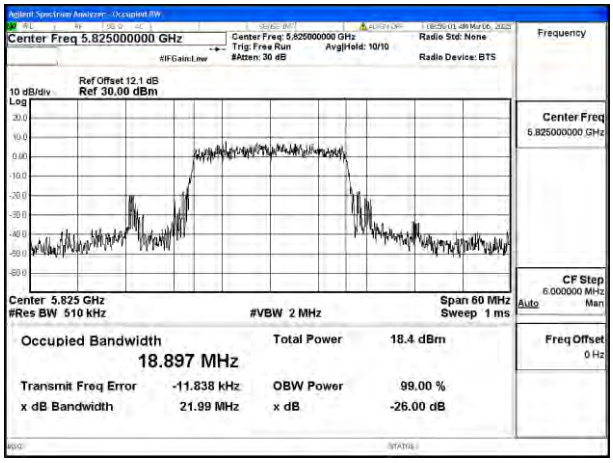
<td> 
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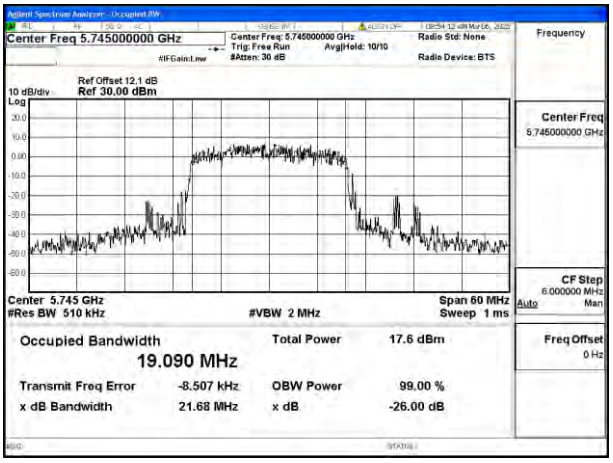
<td> 
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<td>Mode:802.11ax HE20 Frequency:5745MHz<br>Ant:Chain1</td>
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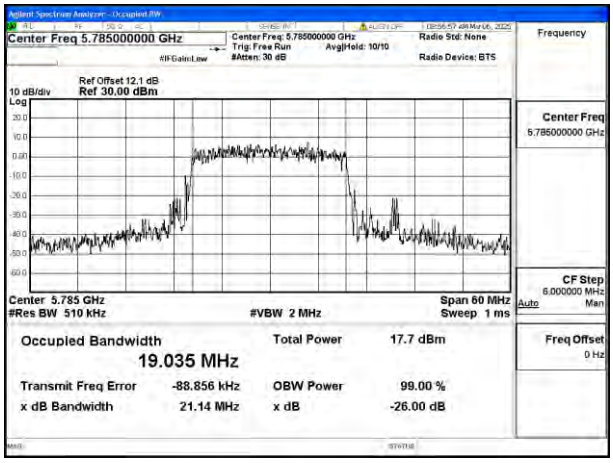
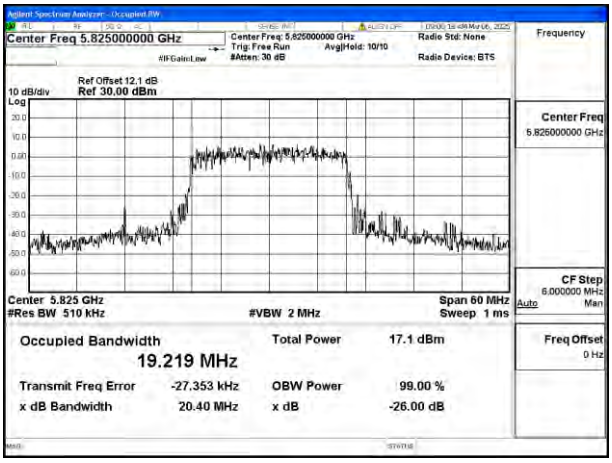
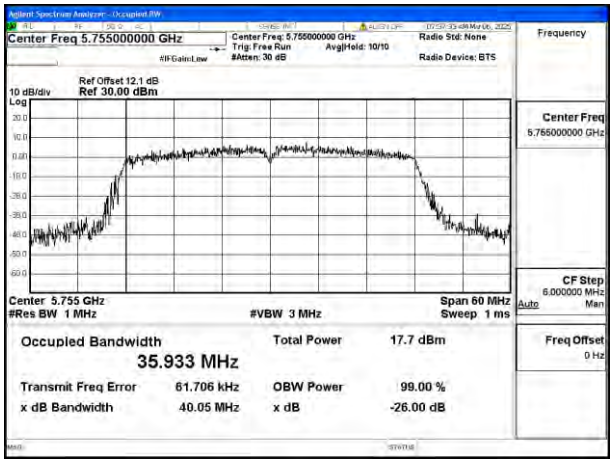
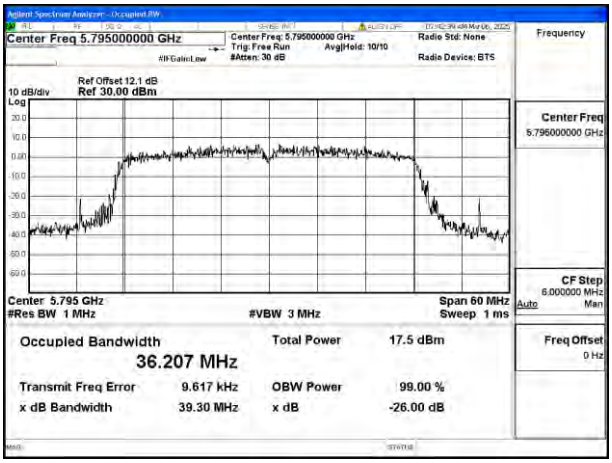
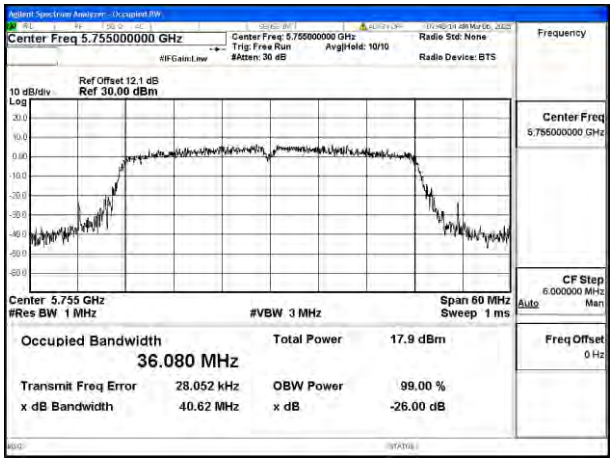
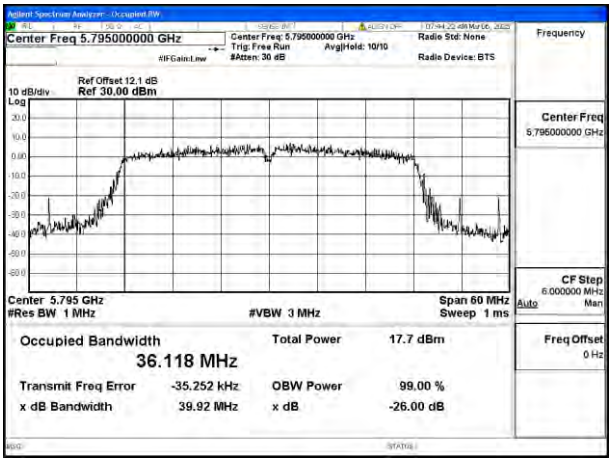
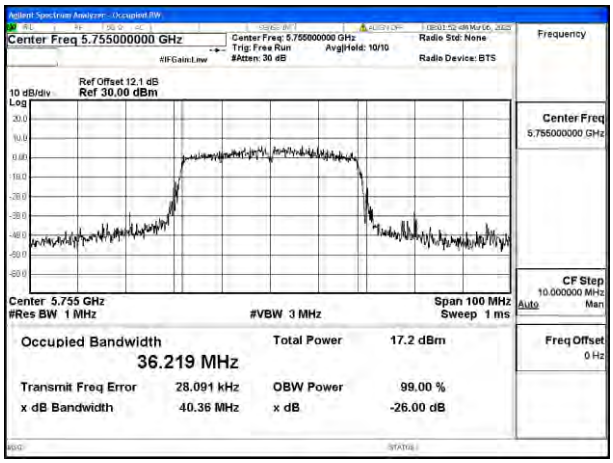
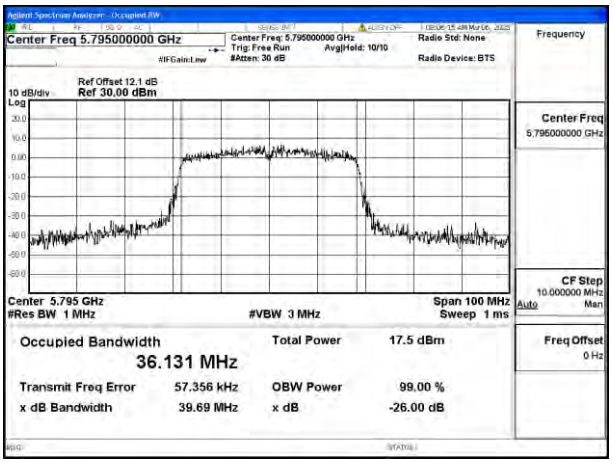
|  |  |
| Mode:802.11ax HE20 Frequency:5785MHz<br>Ant:Chain1 | Mode:802.11ax HE20 Frequency:5825MHz<br>Ant:Chain1 |

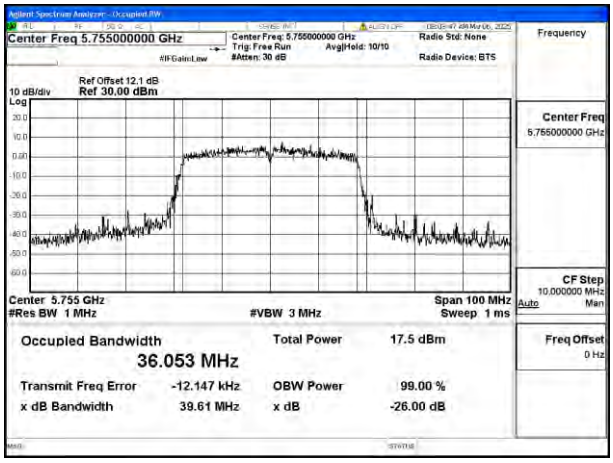
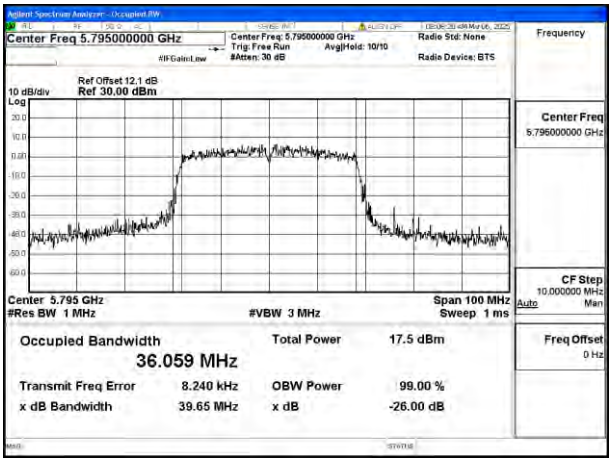
Test Mode: 802.11n HT40

| | |
|---|---|
|  |  |
| Mode:802.11n HT40 Frequency:5755MHz<br>Ant:Chain0 | Mode:802.11n HT40 Frequency:5795MHz<br>Ant:Chain0 |
|  |  |

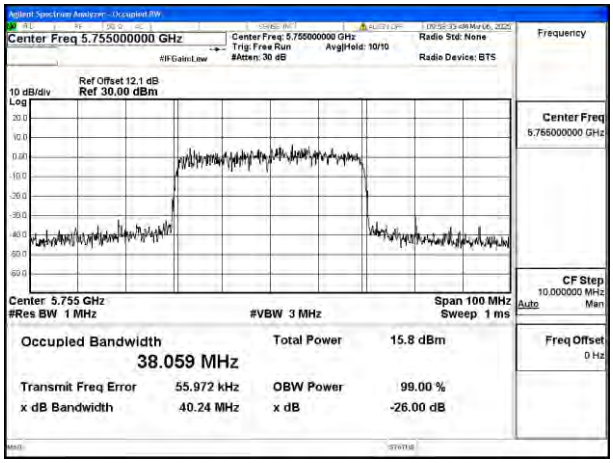
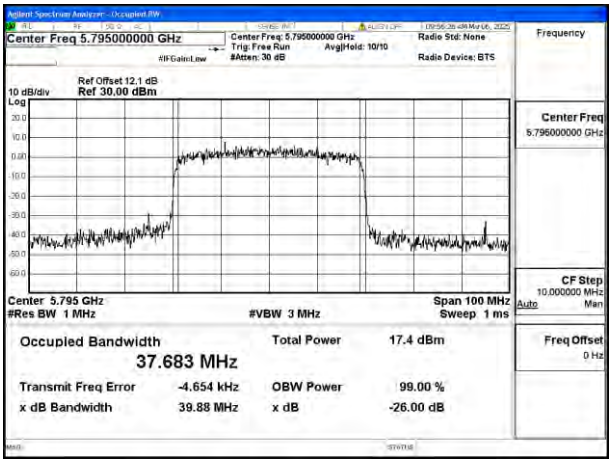
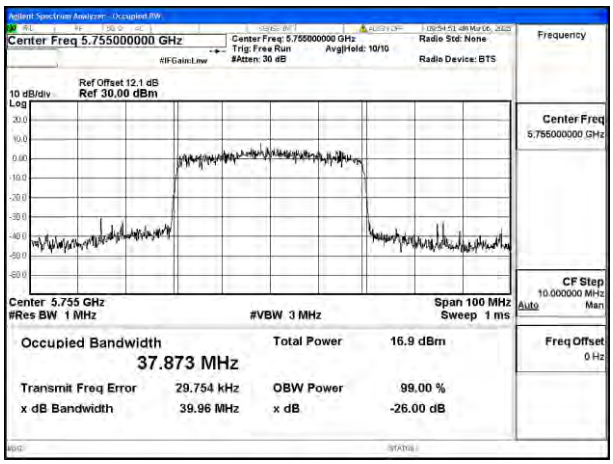
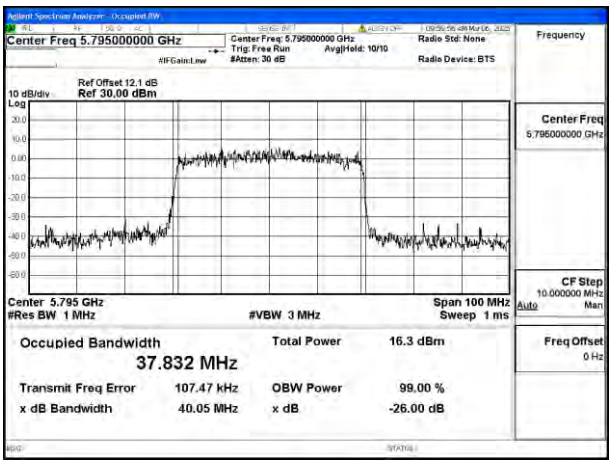
| | |
|---|---|
| Mode:802.11n HT40 Frequency:5755MHz<br>Ant:Chain1 | Mode:802.11n HT40 Frequency:5795MHz<br>Ant:Chain1 |

Test Mode: 802.11ac VHT40

| | |
|---|---|
|  |  |
| Mode:802.11ac VHT40 Frequency:5755MHz<br>Ant:Chain0 | Mode:802.11ac VHT40 Frequency:5795MHz<br>Ant:Chain0 |

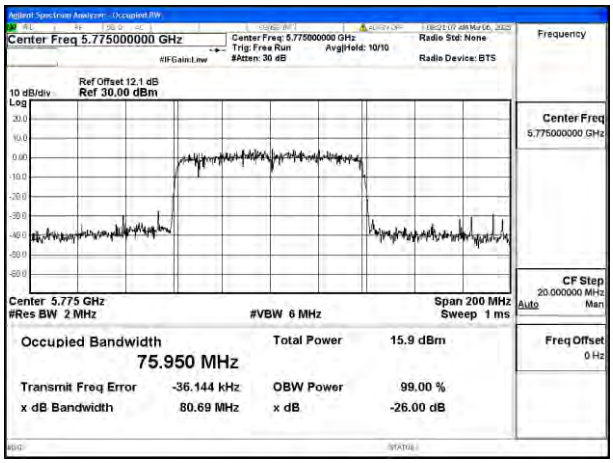
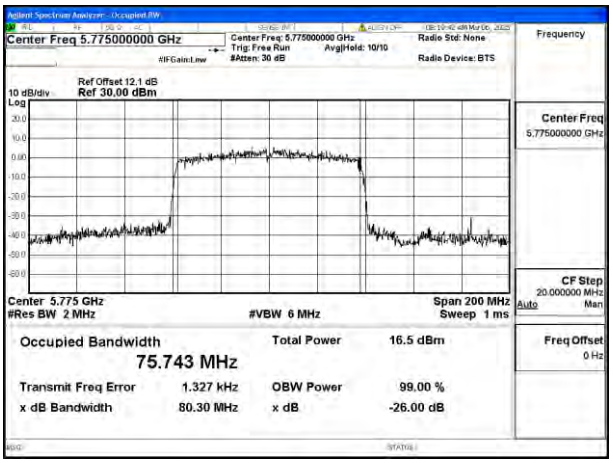
| | |
|---|---|
|  |  |
| Mode:802.11ac VHT40 Frequency:5755MHz<br>Ant:Chain1 | Mode:802.11ac VHT40 Frequency:5795MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE40

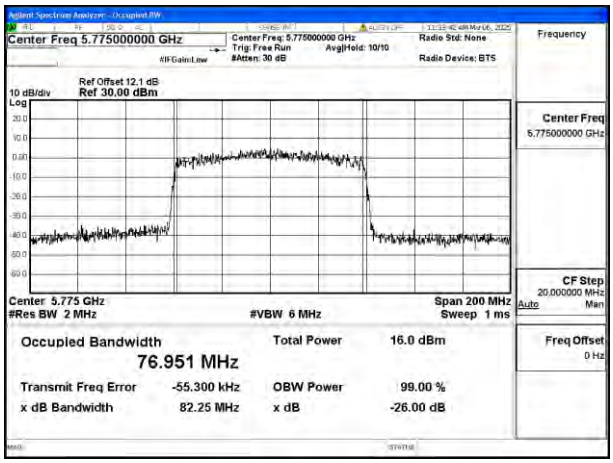
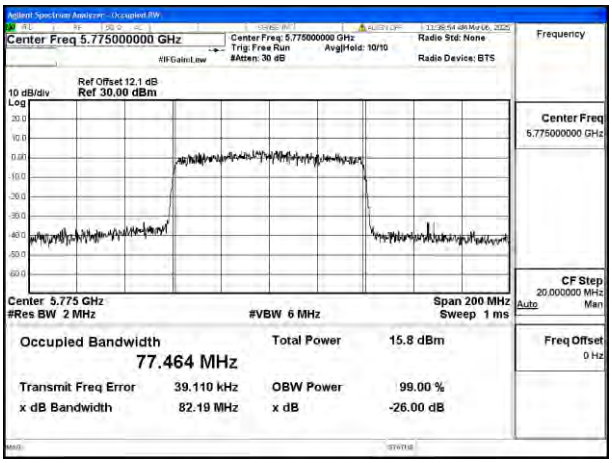
| | |
|---|---|
|  |  |
| Mode:802.11ax HE40 Frequency:5755MHz<br>Ant:Chain0 | Mode:802.11ax HE40 Frequency:5795MHz<br>Ant:Chain0 |
|  |  |

| | |
|---|---|
| Mode:802.11ax HE40 Frequency:5755MHz<br>Ant:Chain1 | Mode:802.11ax HE40 Frequency:5795MHz<br>Ant:Chain1 |

Test Mode: 802.11ac VHT80

| | |
|---|---|
|  |  |
| Mode:802.11ac VHT80 Frequency:5775MHz<br>Ant:Chain0 | Mode:802.11ac VHT80 Frequency:5775MHz<br>Ant:Chain1 |

## Test Mode: 802.11ax HE80

| | |
|---|---|
|  |  |
| Mode:802.11ax HE80 Frequency:5775MHz<br>Ant:Chain0 | Mode:802.11ax HE80 Frequency:5775MHz<br>Ant:Chain1 |

## Test Mode: 802.11ax HE20 26T

| | |
|---|---|
| | |
| Mode:802.11ax HE20 26T Frequency:5745MHz<br>Ant:Chain0 | Mode:802.11ax HE20 26T Frequency:5785MHz<br>Ant:Chain0 |

Mode:802.11ax HE20 26T Frequency:5825MHz
Ant:Chain0

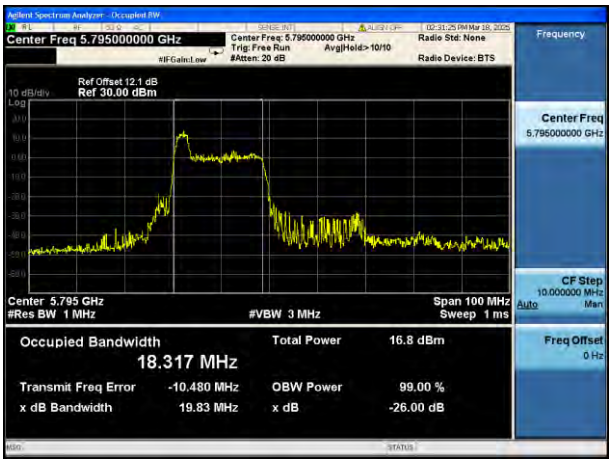
Mode:802.11ax HE20 26T Frequency:5745MHz
Ant:Chain1

Mode:802.11ax HE20 26T Frequency:5785MHz
Ant:Chain1

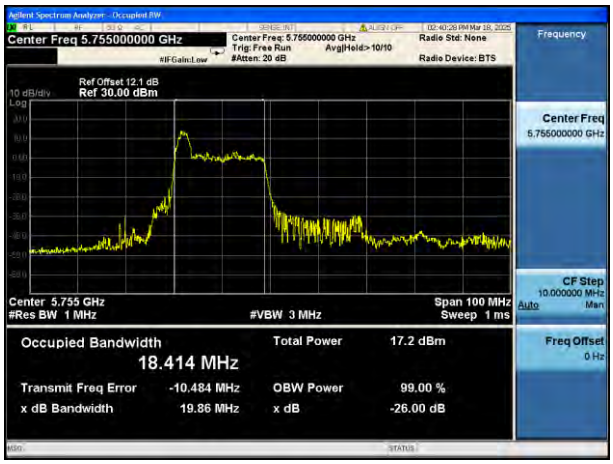
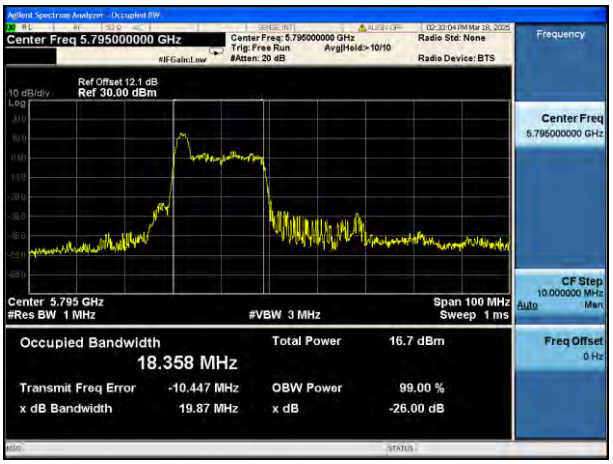
Mode:802.11ax HE20 26T Frequency:5825MHz
Ant:Chain1

Test Mode: 802.11ax HE40 26T

Mode:802.11ax HE40 26T Frequency:5755MHz




Mode:802.11ax HE40 26T Frequency:5795MHz

| Ant:Chain0 | Ant:Chain0 |
|---|---|
|  |  |
| Mode:802.11ax HE40 26T Frequency:5755MHz<br>Ant:Chain1 | Mode:802.11ax HE40 26T Frequency:5795MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE80 26T

| | |
|---|---|
| | |
| Mode:802.11ax HE80 26T Frequency:5775MHz<br>Ant:Chain0 | Mode:802.11ax HE80 26T Frequency:5775MHz<br>Ant:Chain1 |

## OCCUPIED CHANNEL BANDWIDTH

## TEST RESULT

U-NII-1

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5180MHz | 5220MHz | 5240MHz |
| 802.11a | Chain0 | 16.998 | 16.929 | 16.452 |
| 802.11a | Chain1 | 16.958 | 16.907 | 16.625 |
| 802.11n HT20 | Chain0 | 17.977 | 18.068 | 17.568 |
| 802.11n HT20 | Chain1 | 18.184 | 18.041 | 17.691 |
| 802.11ac VHT20 | Chain0 | 18.040 | 18.005 | 17.610 |
| 802.11ac VHT20 | Chain1 | 17.927 | 17.874 | 17.600 |
| 802.11ax HE20 | Chain0 | 18.932 | 18.992 | 18.935 |
| 802.11ax HE20 | Chain1 | 19.027 | 19.013 | 18.758 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5190MHz | --- | 5230MHz |
| 802.11n HT40 | Chain0 | 36.281 | --- | 36.019 |
| 802.11n HT40 | Chain1 | 36.186 | --- | 36.187 |
| 802.11ac VHT40 | Chain0 | 35.939 | --- | 36.076 |
| 802.11ac VHT40 | Chain1 | 36.083 | --- | 36.008 |
| 802.11ax HE40 | Chain0 | 37.717 | --- | 37.917 |
| 802.11ax HE40 | Chain1 | 37.701 | --- | 37.409 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5210MHz | --- | --- |
| 802.11ac VHT80 | Chain0 | 75.510 | --- | --- |
| 802.11ac VHT80 | Chain1 | 75.619 | --- | --- |
| 802.11ax HE80 | Chain0 | 76.880 | --- | --- |
| 802.11ax HE80 | Chain1 | 76.997 | --- | --- |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5180MHz | 5220MHz | 5240MHz |
| 802.11ax HE20 | 26T+0 | Chain0 | 19.069 | 18.979 | 18.376 |
| 802.11ax HE20 | 26T+0 | Chain1 | 19.206 | 19.227 | 18.411 |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5190MHz | --- | 5230MHz |
| 802.11ax HE40 | 26T+0 | Chain0 | 18.625 | --- | 18.353 |
| 802.11ax HE40 | 26T+0 | Chain1 | 18.487 | --- | 18.354 |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5210MHz | --- | --- |
| 802.11ax HE80 | 26T+0 | Chain0 | 18.298 | --- | --- |
| 802.11ax HE80 | 26T+0 | Chain1 | 18.512 | --- | --- |

U-NII-2A

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5260MHz | 5280MHz | 5320MHz |
| 802.11a | Chain0 | 17.037 | 16.931 | 16.821 |
| 802.11a | Chain1 | 16.820 | 16.750 | 16.896 |
| 802.11n HT20 | Chain0 | 18.010 | 17.962 | 18.038 |
| 802.11n HT20 | Chain1 | 17.962 | 18.059 | 17.947 |
| 802.11ac VHT20 | Chain0 | 18.159 | 17.973 | 18.017 |
| 802.11ac VHT20 | Chain1 | 17.994 | 17.985 | 18.009 |
| 802.11ax HE20 | Chain0 | 18.941 | 18.958 | 18.978 |
| 802.11ax HE20 | Chain1 | 18.978 | 18.961 | 19.005 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5270MHz | --- | 5310MHz |
| 802.11n HT40 | Chain0 | 36.221 | --- | 36.213 |
| 802.11n HT40 | Chain1 | 36.166 | --- | 36.073 |
| 802.11ac VHT40 | Chain0 | 36.143 | --- | 36.126 |
| 802.11ac VHT40 | Chain1 | 36.065 | --- | 36.060 |
| 802.11ax HE40 | Chain0 | 37.843 | --- | 37.938 |
| 802.11ax HE40 | Chain1 | 37.665 | --- | 37.682 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5290MHz | --- | --- |
| 802.11ac VHT80 | Chain0 | 75.727 | --- | --- |
| 802.11ac VHT80 | Chain1 | 75.801 | --- | --- |
| 802.11ax HE80 | Chain0 | 76.870 | --- | --- |
| 802.11ax HE80 | Chain1 | 77.299 | --- | --- |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5260MHz | 5280MHz | 5320MHz |
| 802.11ax HE20 | 26T+0 | Chain0 | 19.125 | 18.853 | 19.091 |
| 802.11ax HE20 | 26T+0 | Chain1 | 18.935 | 18.974 | 19.011 |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5270MHz | --- | 5310MHz |
| 802.11ax HE40 | 26T+0 | Chain0 | 17.631 | --- | 17.675 |
| 802.11ax HE40 | 26T+0 | Chain1 | 17.672 | --- | 17.747 |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5290MHz | --- | --- |
| 802.11ax HE80 | 26T+0 | Chain0 | 17.896 | --- | --- |
| 802.11ax HE80 | 26T+0 | Chain1 | 17.989 | --- | --- |

U-NII-2C

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5500MHz | 5580MHz | 5700MHz |
| 802.11a | Chain0 | 16.962 | 16.901 | 16.785 |
| 802.11a | Chain1 | 16.852 | 16.903 | 16.712 |
| 802.11n HT20 | Chain0 | 18.084 | 17.982 | 17.909 |
| 802.11n HT20 | Chain1 | 17.948 | 17.935 | 18.039 |
| 802.11ac VHT20 | Chain0 | 18.051 | 18.068 | 18.000 |
| 802.11ac VHT20 | Chain1 | 18.114 | 17.956 | 17.983 |
| 802.11ax HE20 | Chain0 | 18.999 | 18.957 | 19.062 |
| 802.11ax HE20 | Chain1 | 19.149 | 18.959 | 19.104 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5510MHz | 5590MHz | 5670MHz |
| 802.11n HT40 | Chain0 | 36.000 | 35.996 | 36.033 |
| 802.11n HT40 | Chain1 | 35.902 | 36.097 | 36.156 |
| 802.11ac VHT40 | Chain0 | 36.060 | 36.115 | 36.138 |
| 802.11ac VHT40 | Chain1 | 36.216 | 36.055 | 36.191 |
| 802.11ax HE40 | Chain0 | 37.405 | 37.787 | 37.768 |
| 802.11ax HE40 | Chain1 | 37.783 | 37.796 | 37.643 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5530MHz | --- | 5610MHz |
| 802.11ac VHT80 | Chain0 | 75.917 | --- | 75.815 |
| 802.11ac VHT80 | Chain1 | 75.646 | --- | 75.559 |
| 802.11ax HE80 | Chain0 | 77.415 | --- | 77.252 |
| 802.11ax HE80 | Chain1 | 77.176 | --- | 77.075 |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5500MHz | 5580MHz | 5700MHz |
| 802.11ax HE20 | 26T+0 | Chain0 | 19.101 | 18.926 | 19.102 |
| 802.11ax HE20 | 26T+0 | Chain1 | 19.021 | 19.125 | 19.077 |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5510MHz | 5590MHz | 5670MHz |
| 802.11ax HE40 | 26T+0 | Chain0 | 18.589 | 17.738 | 18.293 |
| 802.11ax HE40 | 26T+0 | Chain1 | 18.663 | 17.770 | 18.228 |

| Test Mode | Tones/ RU Index | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5530MHz | --- | 5610MHz |
| 802.11ax HE80 | 26T+0 | Chain0 | 18.511 | --- | 17.646 |
| 802.11ax HE80 | 26T+0 | Chain1 | 18.626 | --- | 17.799 |

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| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5745MHz | 5785MHz | 5825MHz |
| 802.11a | Chain0 | 16.852 | 16.766 | 16.889 |
| 802.11a | Chain1 | 16.764 | 16.853 | 16.811 |
| 802.11n HT20 | Chain0 | 17.953 | 17.987 | 18.019 |
| 802.11n HT20 | Chain1 | 17.954 | 18.009 | 17.883 |
| 802.11ac VHT20 | Chain0 | 17.950 | 17.946 | 17.911 |
| 802.11ac VHT20 | Chain1 | 17.907 | 18.004 | 17.920 |
| 802.11ax HE20 | Chain0 | 18.935 | 19.073 | 19.020 |
| 802.11ax HE20 | Chain1 | 18.904 | 18.923 | 18.985 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5755MHz | --- | 5795MHz |
| 802.11n HT40 | Chain0 | 36.165 | --- | 36.177 |
| 802.11n HT40 | Chain1 | 36.022 | --- | 35.939 |
| 802.11ac VHT40 | Chain0 | 36.280 | --- | 36.236 |
| 802.11ac VHT40 | Chain1 | 36.043 | --- | 36.124 |
| 802.11ax HE40 | Chain0 | 37.714 | --- | 37.498 |
| 802.11ax HE40 | Chain1 | 37.797 | --- | 37.783 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|---|---|---|---|---|
| | | 5775MHz | --- | --- |
| 802.11ac VHT80 | Chain0 | 75.606 | --- | --- |
| 802.11ac VHT80 | Chain1 | 75.789 | --- | --- |
| 802.11ax HE80 | Chain0 | 77.072 | --- | --- |
| 802.11ax HE80 | Chain1 | 77.120 | --- | --- |

| Test Mode | Tones/ RU Index | Antenna | 26dB Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5745MHz | 5785MHz | 5825MHz |
| 802.11ax HE20 | 26T+0 | Chain0 | 19.047 | 18.877 | 18.972 |
| 802.11ax HE20 | 26T+0 | Chain1 | 19.160 | 19.003 | 18.965 |

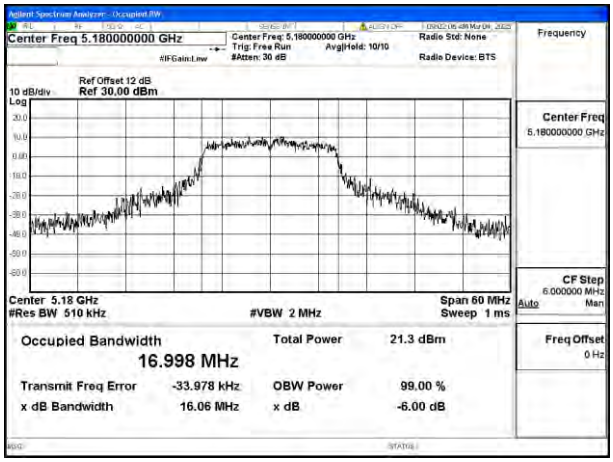
| Test Mode | Tones/ RU Index | Antenna | 26dB Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5755MHz | --- | 5795MHz |
| 802.11ax HE40 | 26T+0 | Chain0 | 18.428 | --- | 18.354 |
| 802.11ax HE40 | 26T+0 | Chain1 | 18.306 | --- | 18.408 |

| Test Mode | Tones/ RU Index | Antenna | 26dB Bandwidth (MHz) | | |
|---|---|---|---|---|---|
| | | | 5775MHz | --- | --- |
| 802.11ax HE80 | 26T+0 | Chain0 | 19.734 | --- | --- |
| 802.11ax HE80 | 26T+0 | Chain1 | 19.938 | --- | --- |

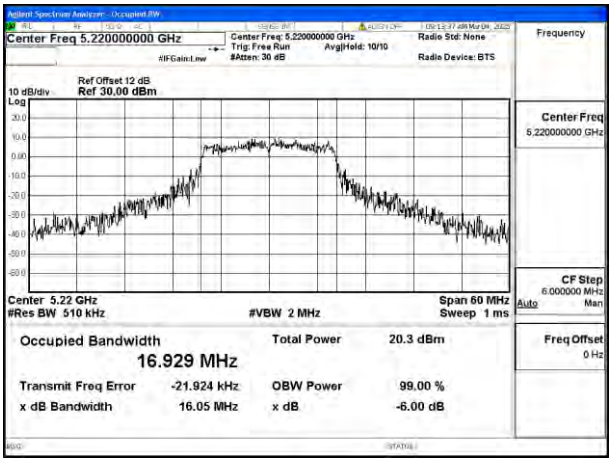
## TEST GRAPHS

U-NII-1

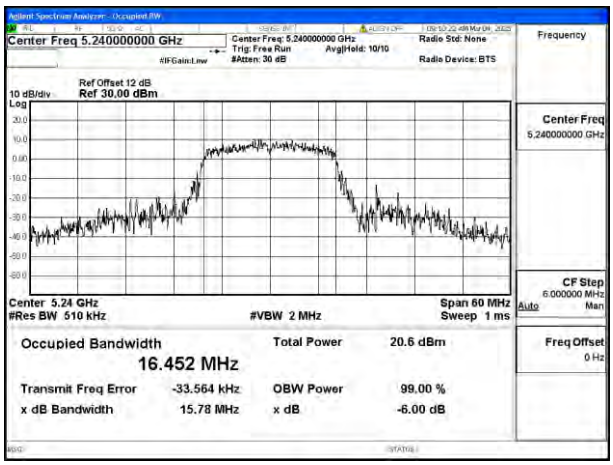
Test Mode: 802.11a



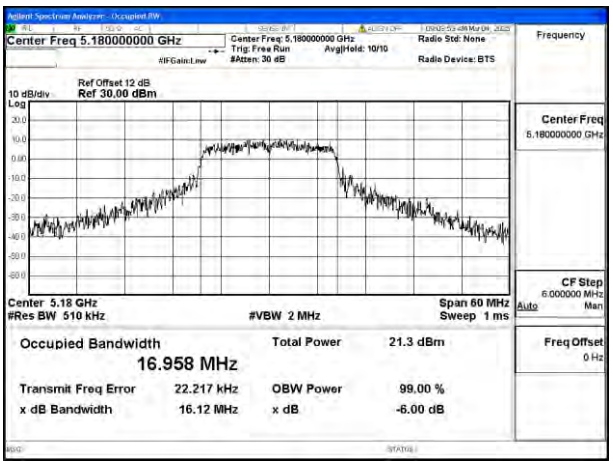

Mode:802.11a Frequency:5180MHz Ant:Chain0



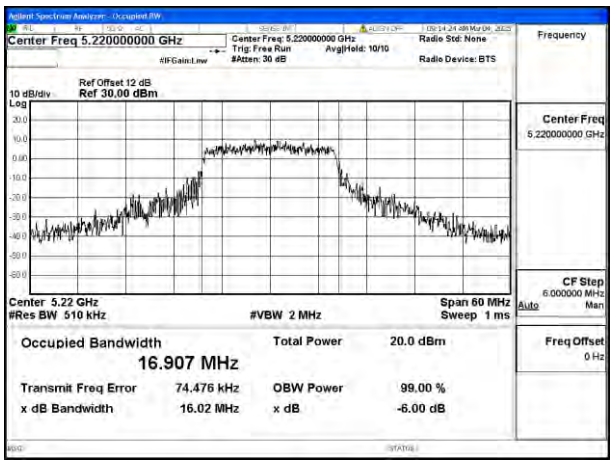

Mode:802.11a Frequency:5220MHz Ant:Chain0



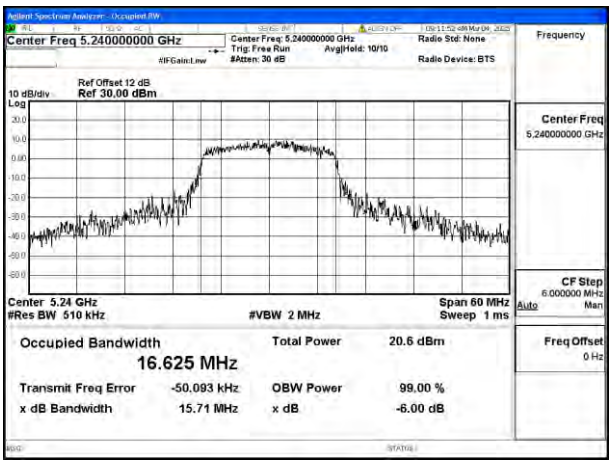

Mode:802.11a Frequency:5240MHz Ant:Chain0




Mode:802.11a Frequency:5180MHz Ant:Chain1

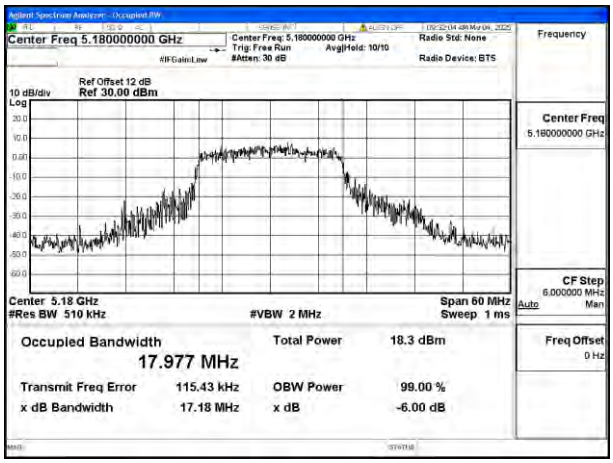
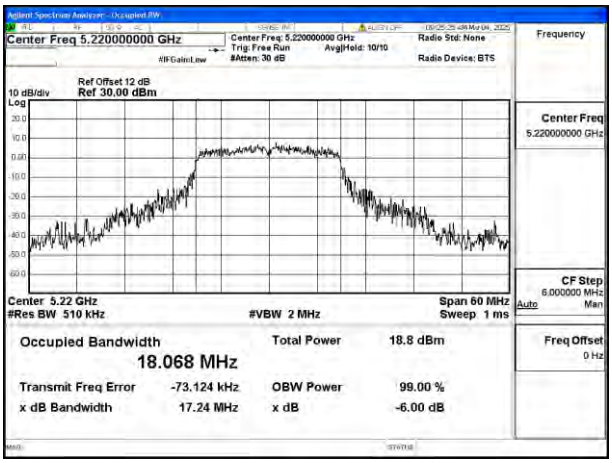
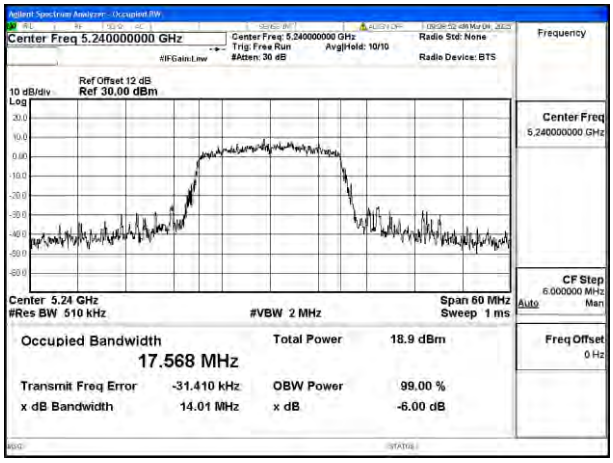
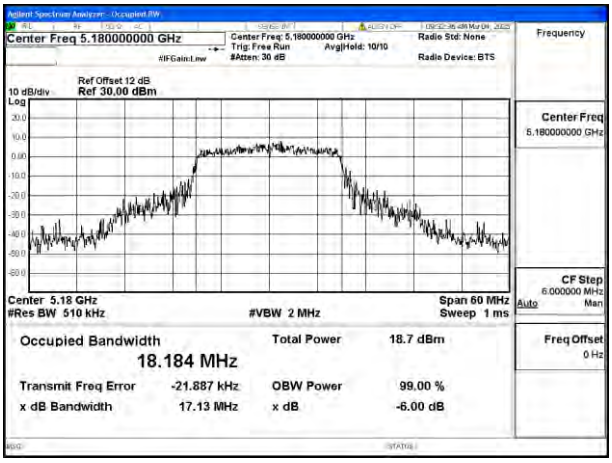


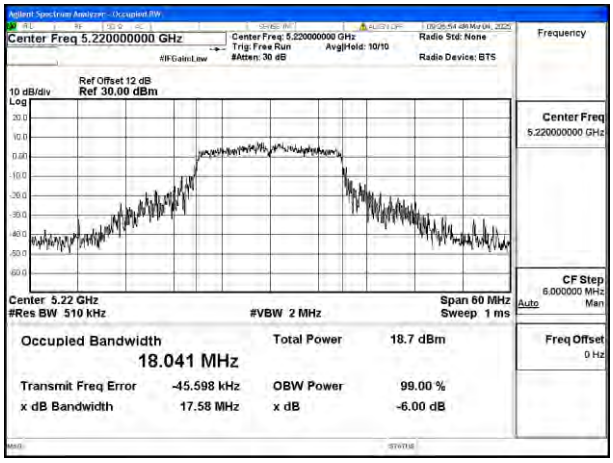

Mode:802.11a Frequency:5220MHz Ant:Chain1




Mode:802.11a Frequency:5240MHz Ant:Chain1

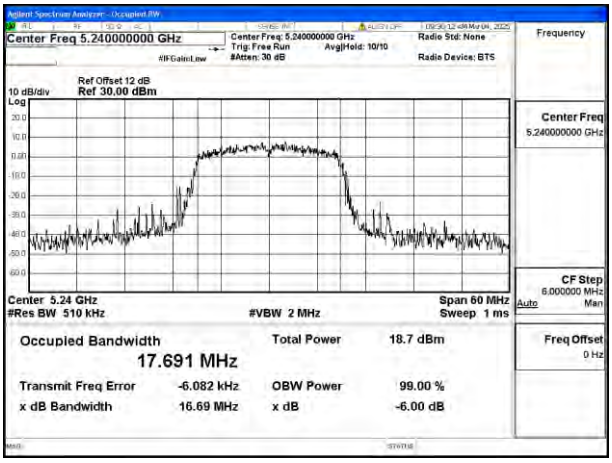
Test Mode: 802.11n HT20

| | |
|---|---|
|  |  |
| Mode:802.11n HT20 Frequency:5180MHz<br>Ant:Chain0 | Mode:802.11n HT20 Frequency:5220MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11n HT20 Frequency:5240MHz<br>Ant:Chain0 | Mode:802.11n HT20 Frequency:5180MHz<br>Ant:Chain1 |




Mode:802.11n HT20 Frequency:5220MHz

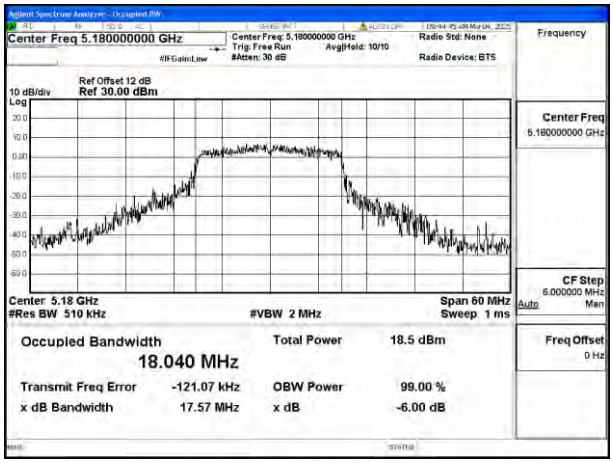
Ant:Chain1




Mode:802.11n HT20 Frequency:5240MHz

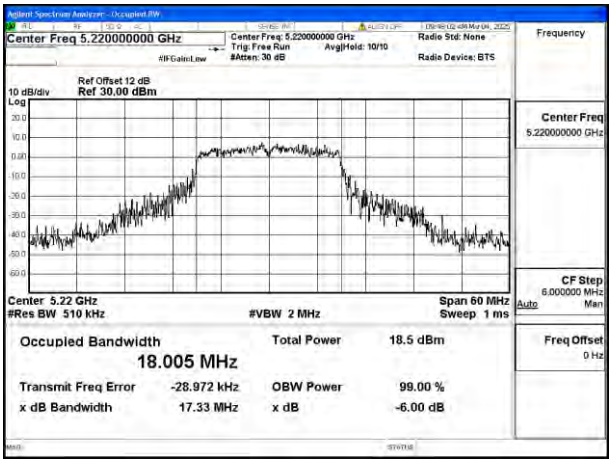
Ant:Chain1

## Test Mode: 802.11ac VHT20



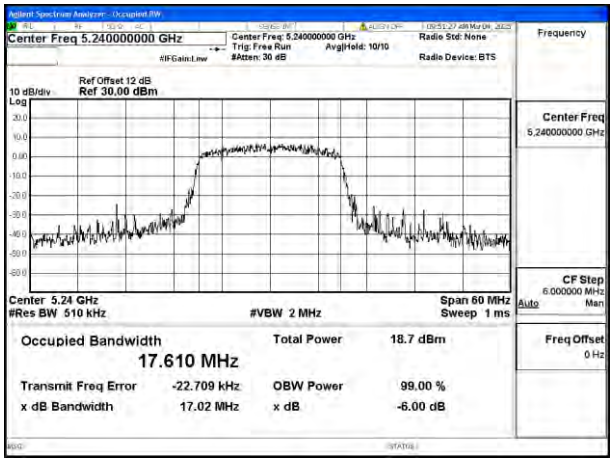

Mode:802.11ac VHT20 Frequency:5180MHz

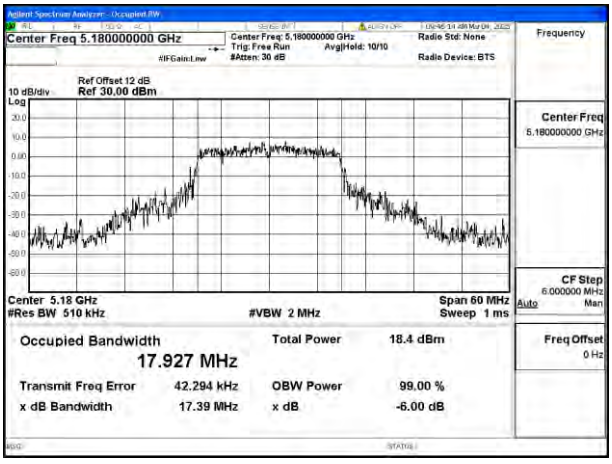
Ant:Chain0

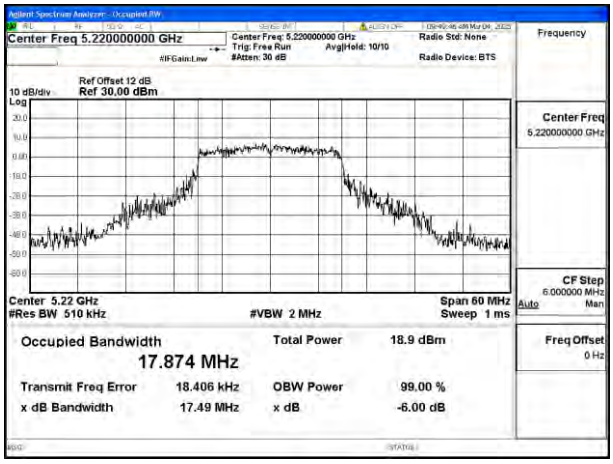
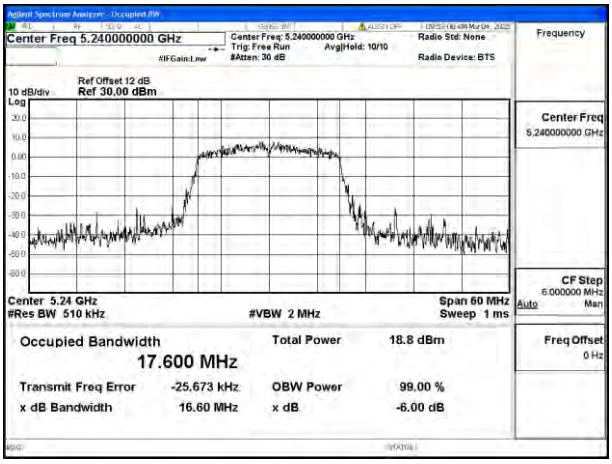



Mode:802.11ac VHT20 Frequency:5220MHz

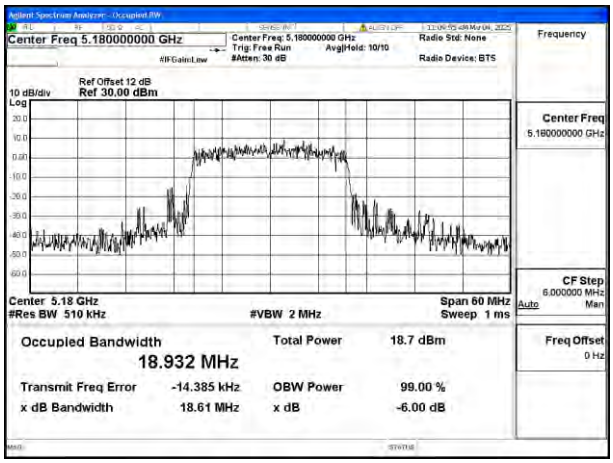
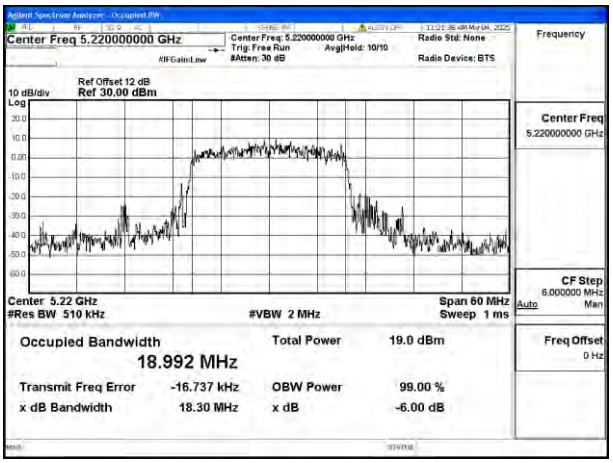
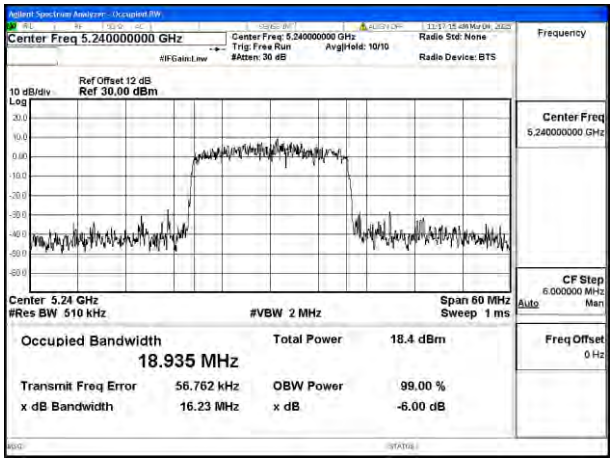
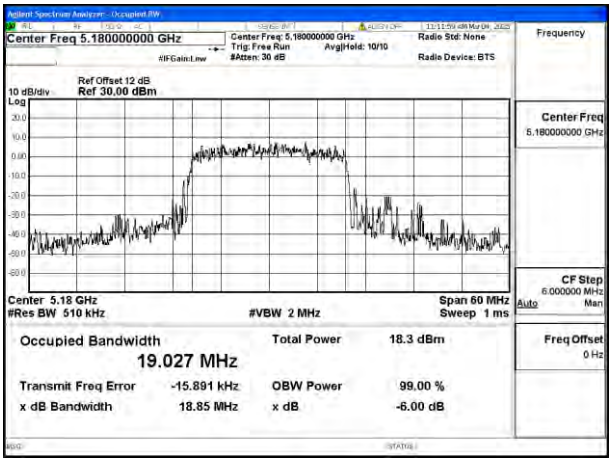
Ant:Chain0

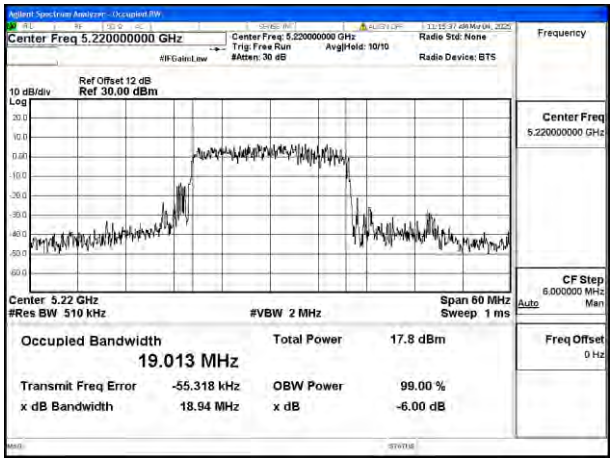


| Mode:802.11ac VHT20 Frequency:5240MHz<br>Ant:Chain0 | Mode:802.11ac VHT20 Frequency:5180MHz<br>Ant:Chain1 |
|---|---|
|  |  |
| Mode:802.11ac VHT20 Frequency:5220MHz<br>Ant:Chain1 | Mode:802.11ac VHT20 Frequency:5240MHz<br>Ant:Chain1 |

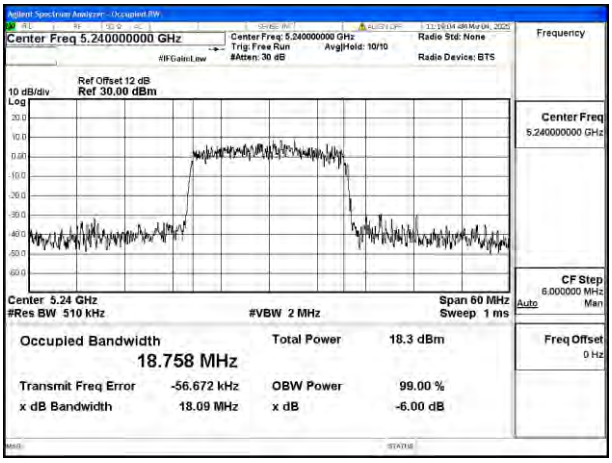
Test Mode: 802.11ax HE20

| | |
|---|---|
|  |  |
| Mode:802.11ax HE20 Frequency:5180MHz<br>Ant:Chain0 | Mode:802.11ax HE20 Frequency:5220MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11ax HE20 Frequency:5240MHz<br>Ant:Chain0 | Mode:802.11ax HE20 Frequency:5180MHz<br>Ant:Chain1 |




Mode:802.11ax HE20 Frequency:5220MHz

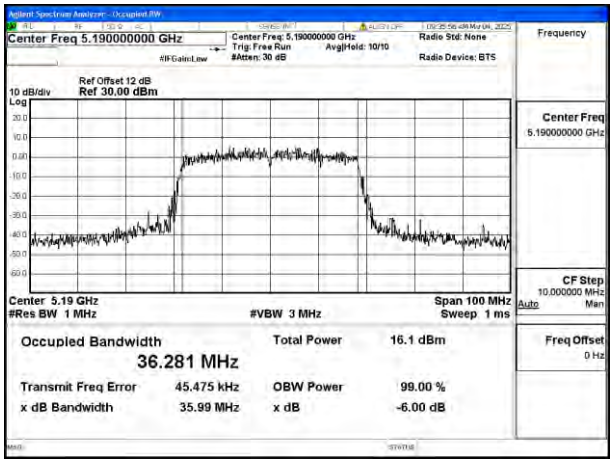
Ant:Chain1




Mode:802.11ax HE20 Frequency:5240MHz

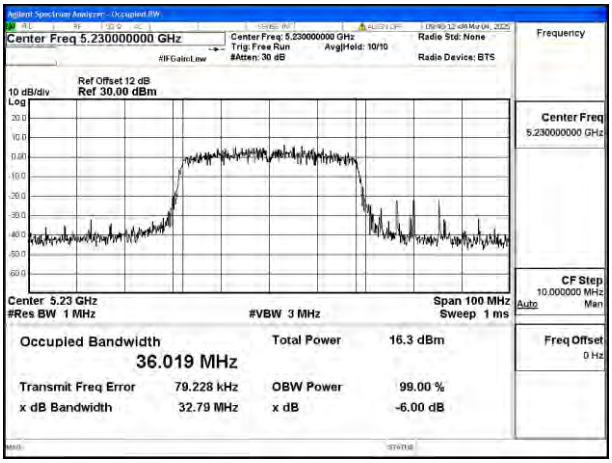
Ant:Chain1

Test Mode: 802.11n HT40



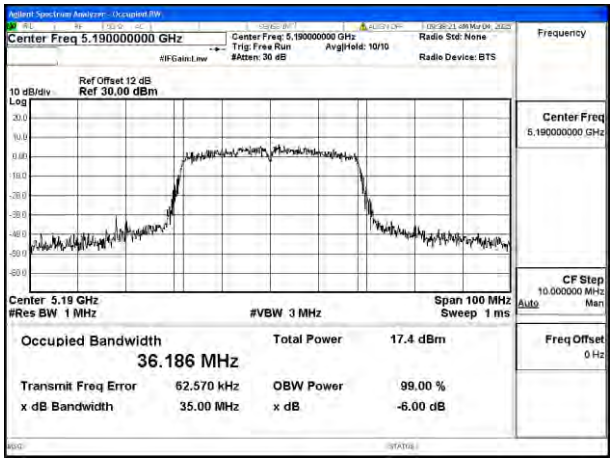

Mode:802.11n HT40 Frequency:5190MHz

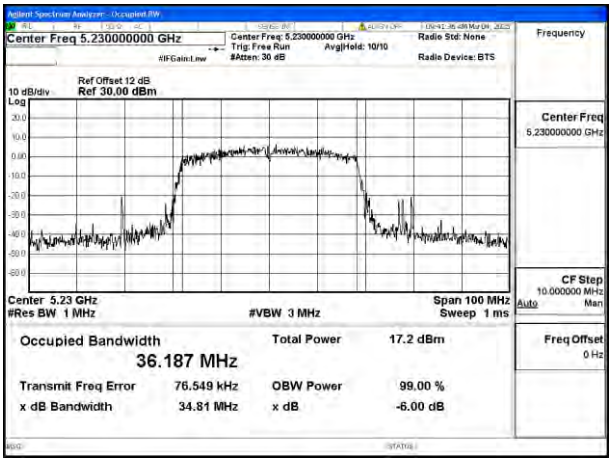
Ant:Chain0




Mode:802.11n HT40 Frequency:5230MHz

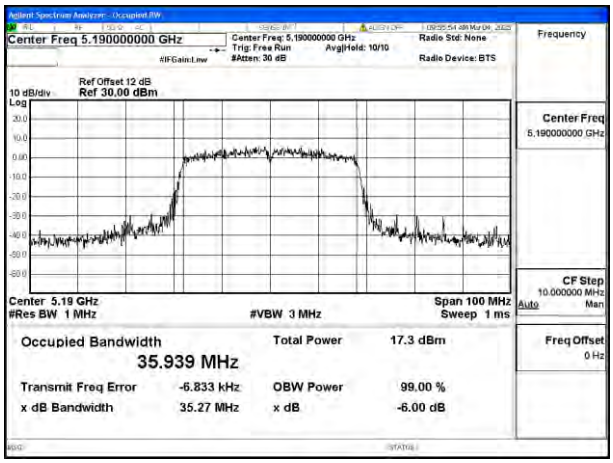
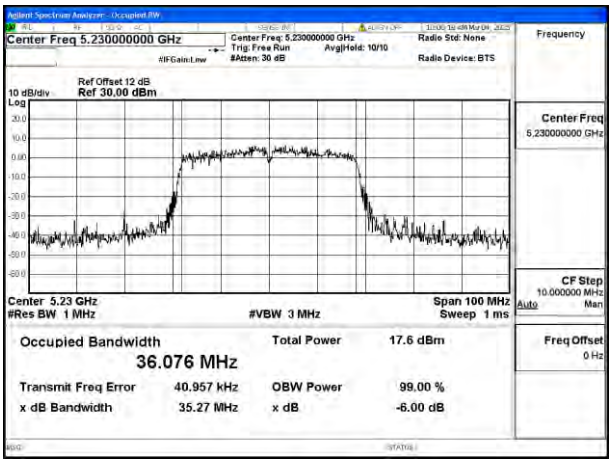
Ant:Chain0

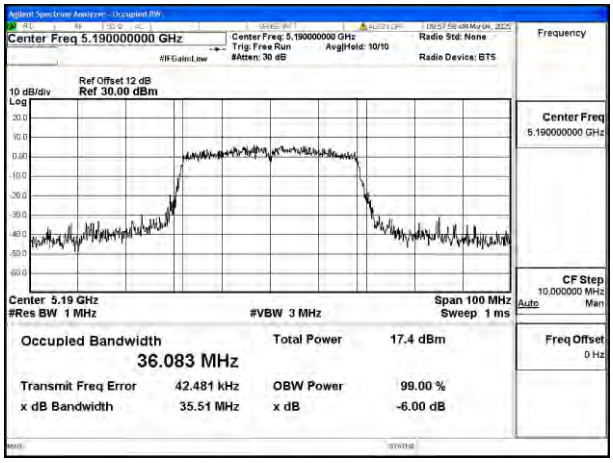


| | |
|---|---|
| Mode:802.11n HT40 Frequency:5190MHz<br>Ant:Chain1 | Mode:802.11n HT40 Frequency:5230MHz<br>Ant:Chain1 |

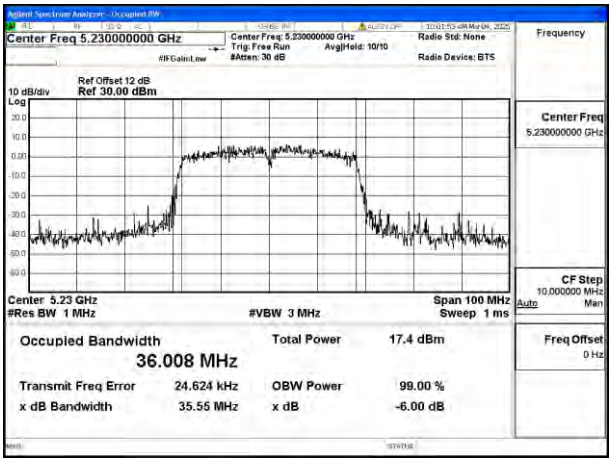
Test Mode: 802.11ac VHT40

| | |
|---|---|
|  |  |
| Mode:802.11ac VHT40 Frequency:5190MHz<br>Ant:Chain0 | Mode:802.11ac VHT40 Frequency:5230MHz<br>Ant:Chain0 |




Mode:802.11ac VHT40 Frequency:5190MHz

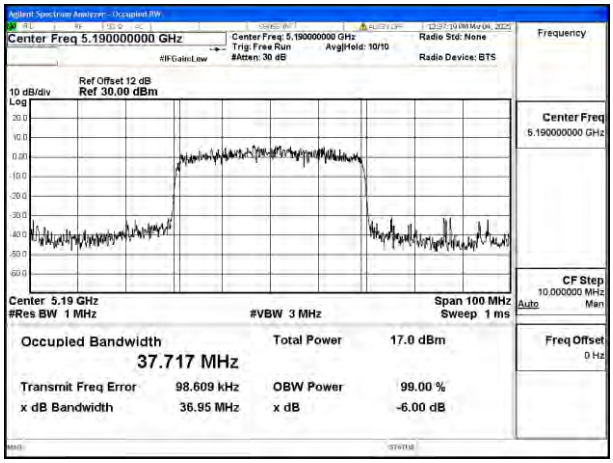
Ant:Chain1




Mode:802.11ac VHT40 Frequency:5230MHz

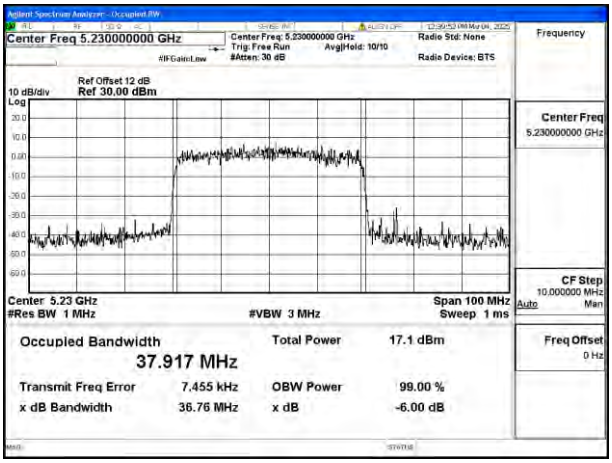
Ant:Chain1

Test Mode: 802.11ax HE40



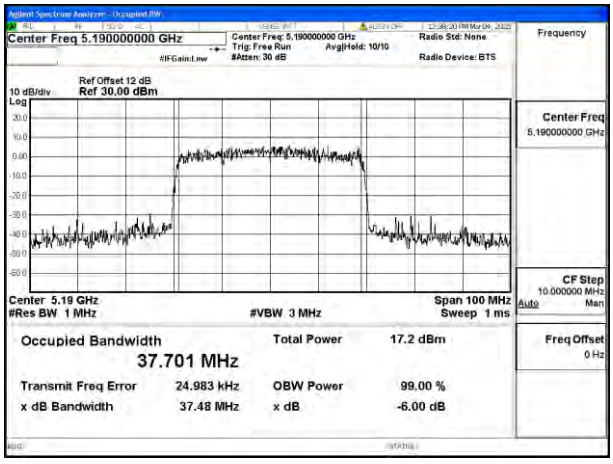

Mode:802.11ax HE40 Frequency:5190MHz

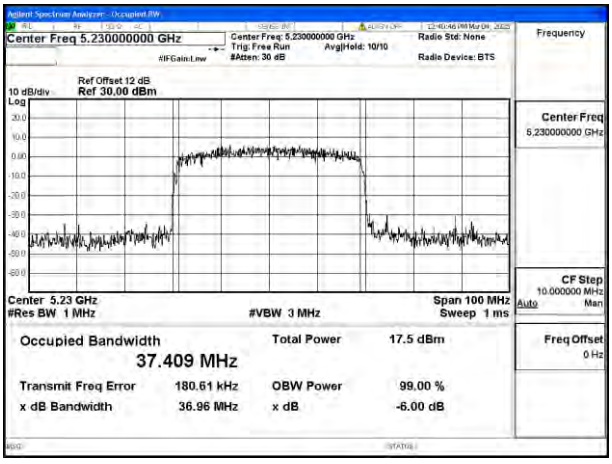
Ant:Chain0




Mode:802.11ax HE40 Frequency:5230MHz

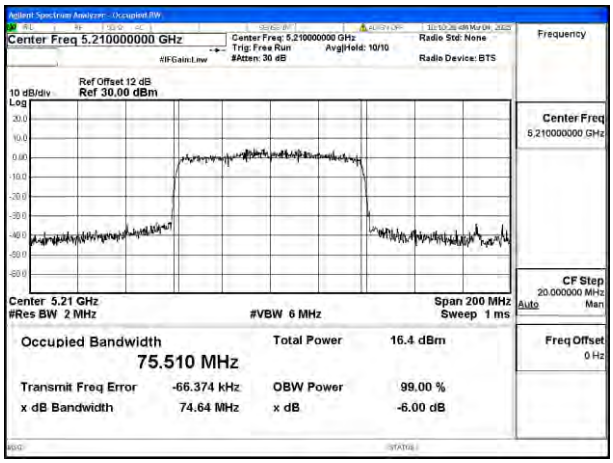
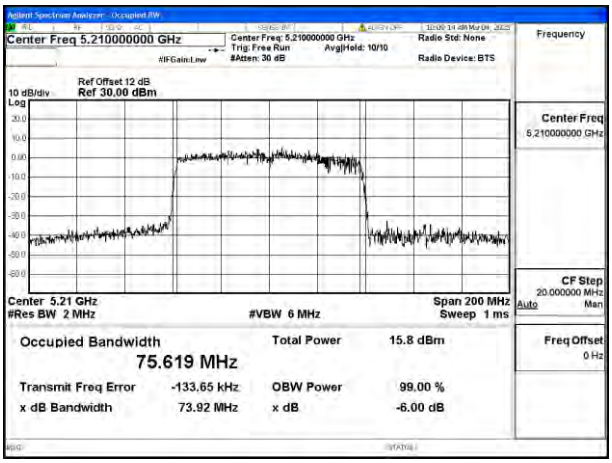
Ant:Chain0



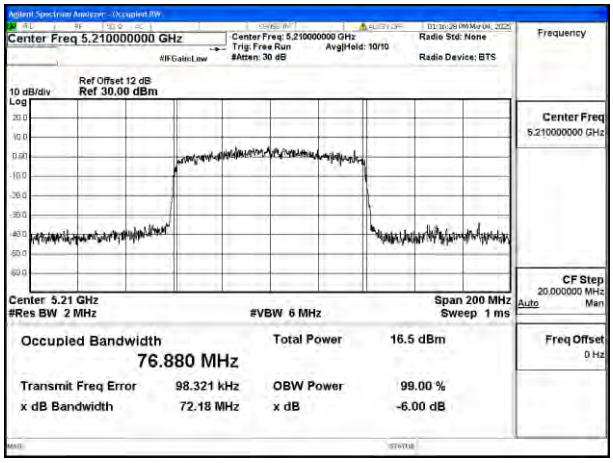
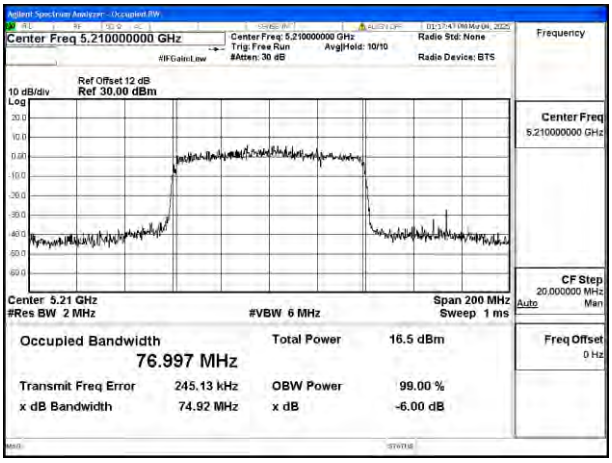



| | |
|---|---|
| Mode:802.11ax HE40 Frequency:5190MHz<br>Ant:Chain1 | Mode:802.11ax HE40 Frequency:5230MHz<br>Ant:Chain1 |

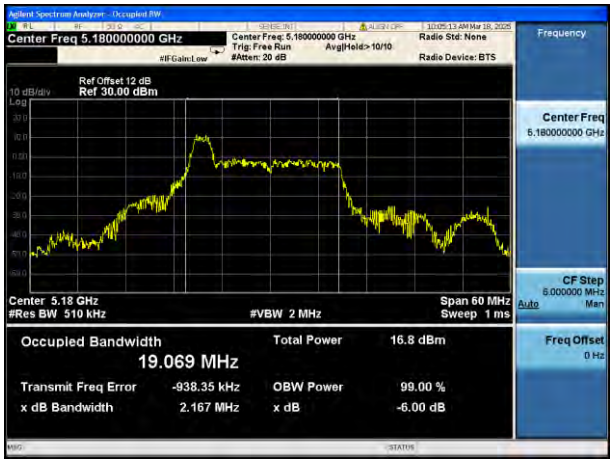
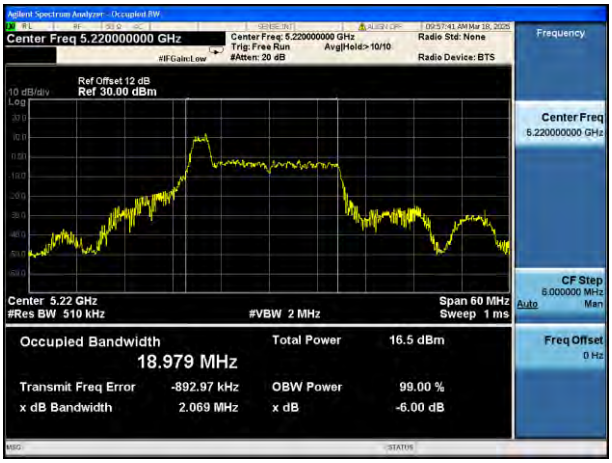
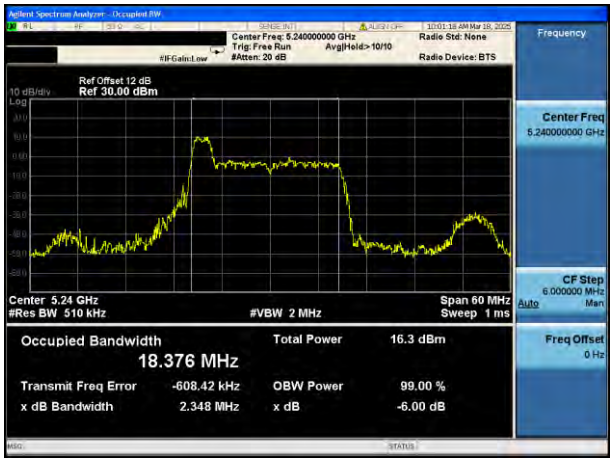
Test Mode: 802.11ac VHT80

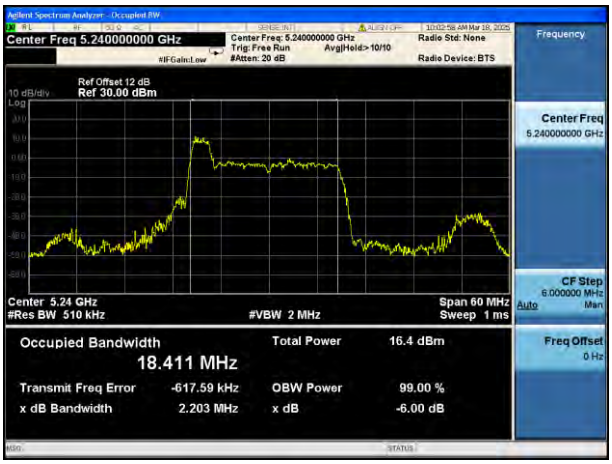
| | |
|---|---|
|  |  |
| Mode:802.11ac VHT80 Frequency:5210MHz<br>Ant:Chain0 | Mode:802.11ac VHT80 Frequency:5210MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE80

| | |
|---|---|
|  |  |
| Mode:802.11ax HE80 Frequency:5210MHz<br>Ant:Chain0 | Mode:802.11ax HE80 Frequency:5210MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE20 26T

| | |
|---|---|
|  |  |
| Mode:802.11ax HE20 26T Frequency:5180MHz<br>Ant:Chain0 | Mode:802.11ax HE20 26T Frequency:5220MHz<br>Ant:Chain0 |
|  | |
| Mode:802.11ax HE20 26T Frequency:5240MHz | Mode:802.11ax HE20 26T Frequency:5180MHz |

| Ant:Chain0 | Ant:Chain1 |
|---|---|
| |  |
| Mode:802.11ax HE20 26T Frequency:5220MHz<br>Ant:Chain1 | Mode:802.11ax HE20 26T Frequency:5240MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE40 26T

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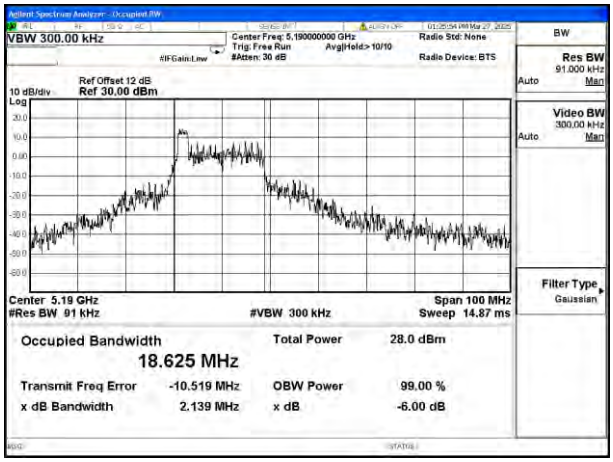
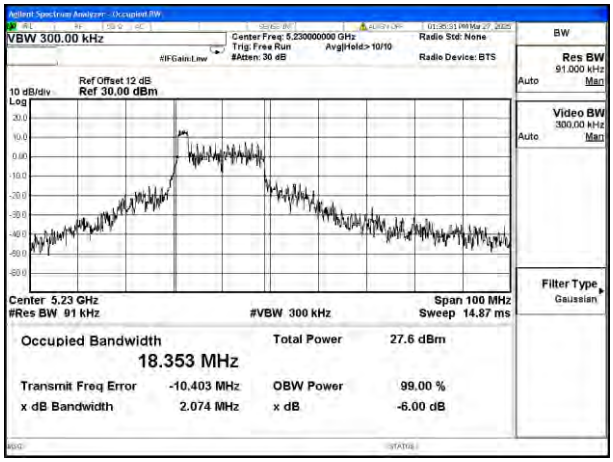
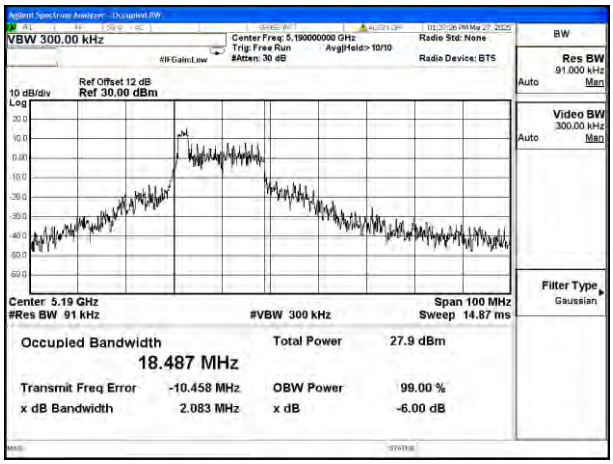
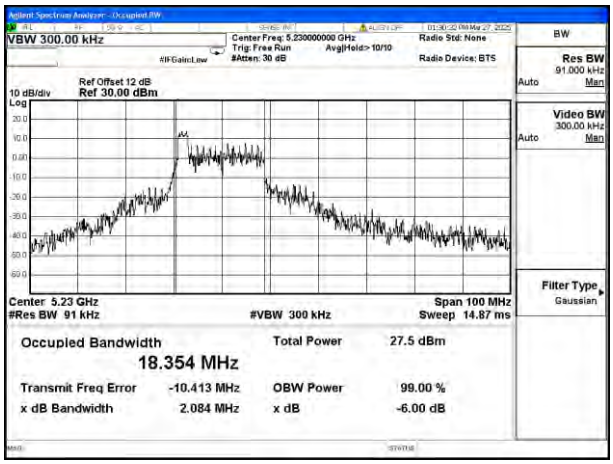
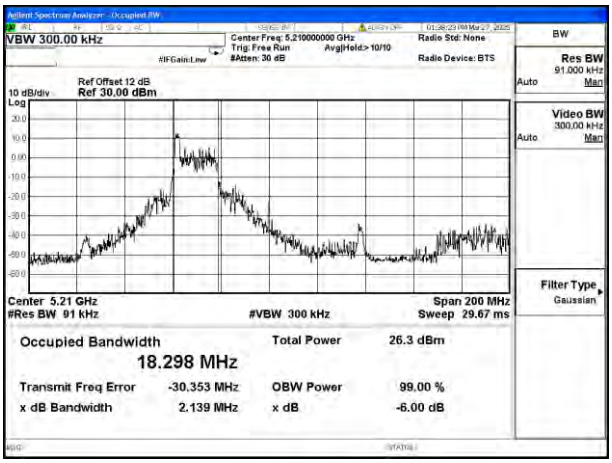
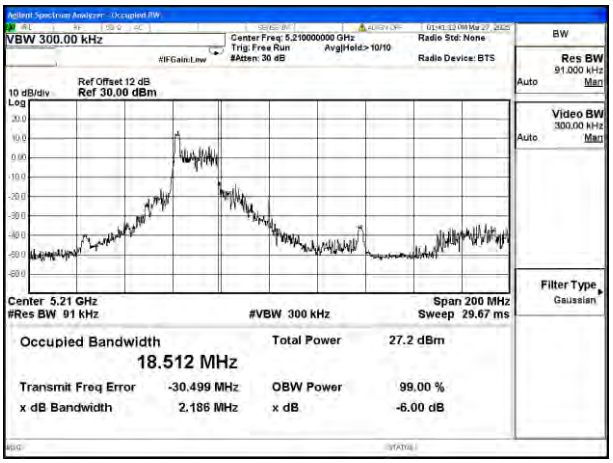
|---|---|
|  |  |
| Mode:802.11ax HE40 26T Frequency:5190MHz<br>Ant:Chain0 | Mode:802.11ax HE40 26T Frequency:5230MHz<br>Ant:Chain0 |
|  |  |

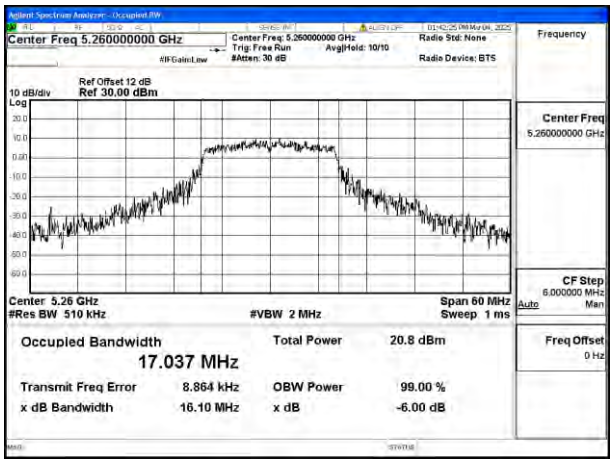
| | |
|---|---|
| Mode:802.11ax HE40 26T Frequency:5190MHz<br>Ant:Chain1 | Mode:802.11ax HE40 26T Frequency:5230MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE80 26T

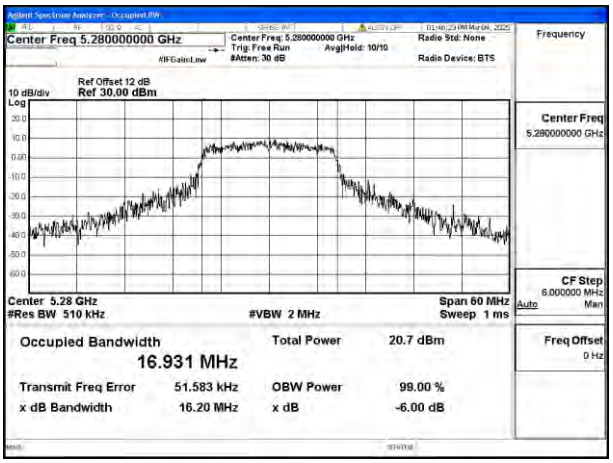
| | |
|---|---|
|  |  |
| Mode:802.11ax HE80 26T Frequency:5210MHz<br>Ant:Chain0 | Mode:802.11ax HE80 26T Frequency:5210MHz<br>Ant:Chain1 |

U-NII-2A

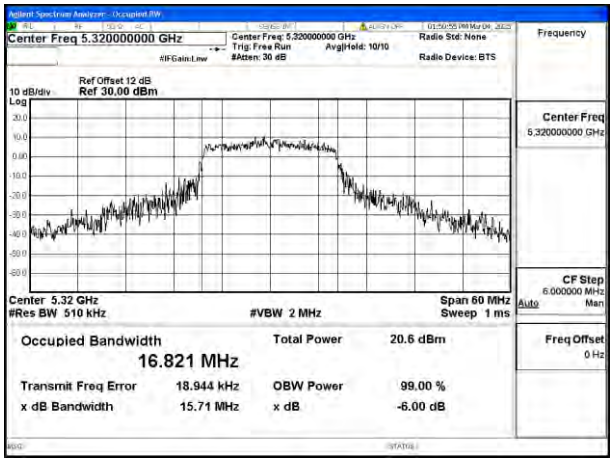
Test Mode: 802.11a



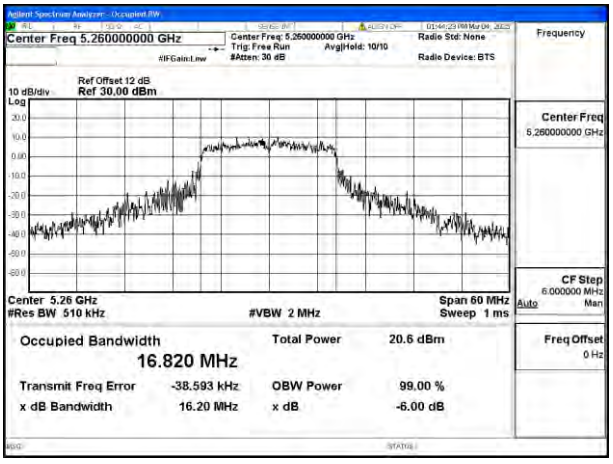

Mode:802.11a Frequency:5260MHz Ant:Chain0



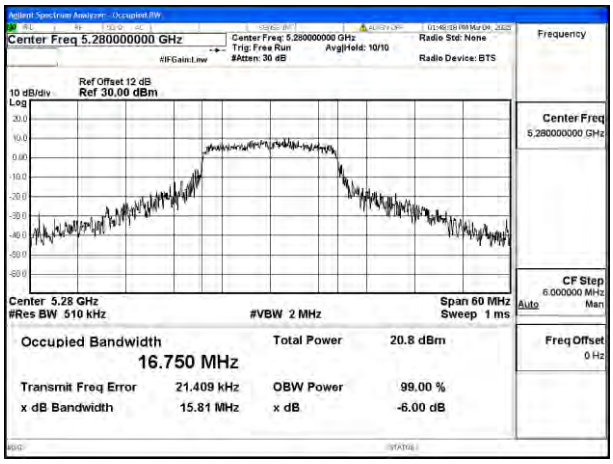

Mode:802.11a Frequency:5280MHz Ant:Chain0



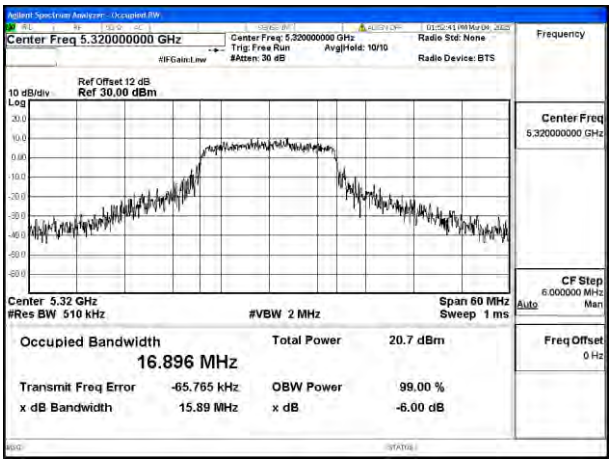

Mode:802.11a Frequency:5320MHz Ant:Chain0




Mode:802.11a Frequency:5260MHz Ant:Chain1

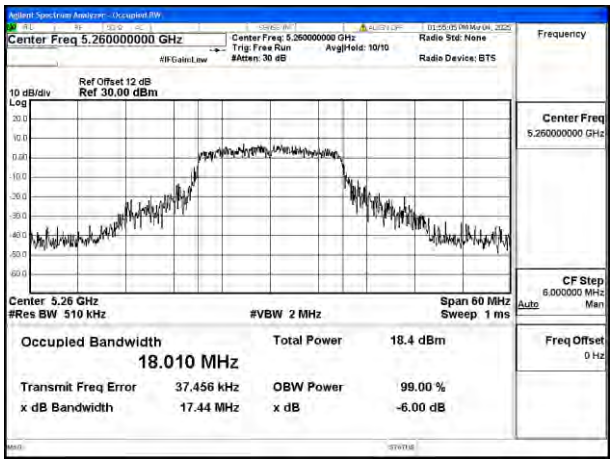
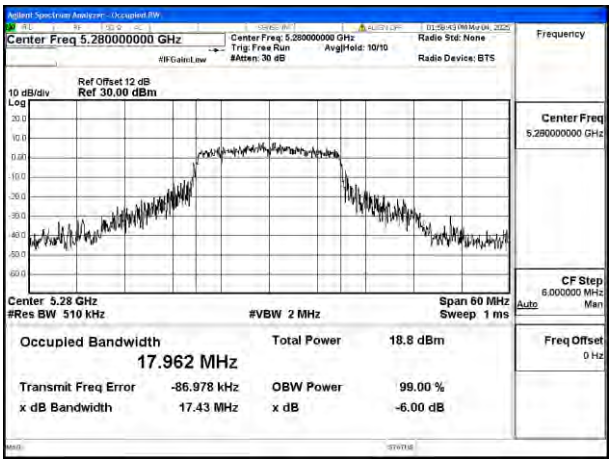
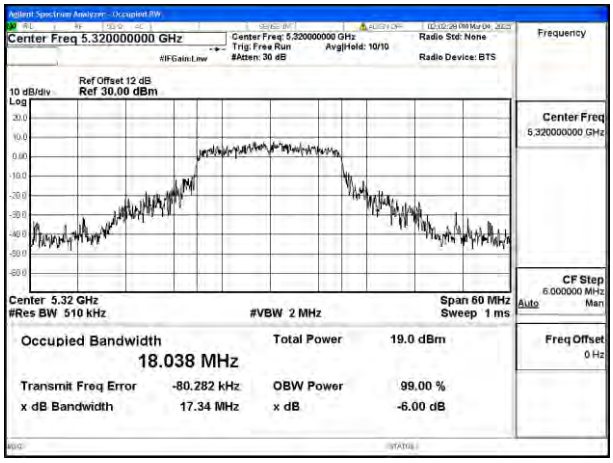
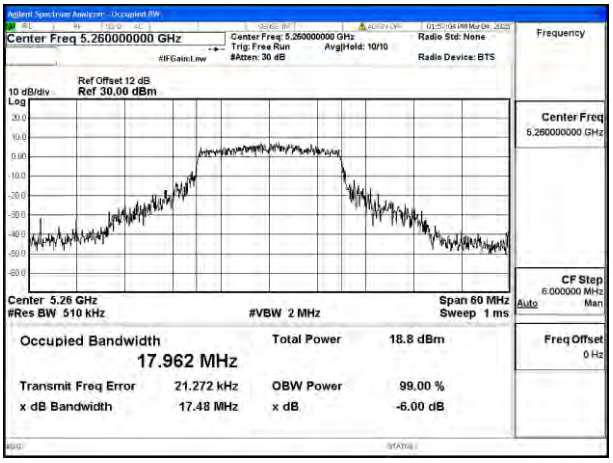


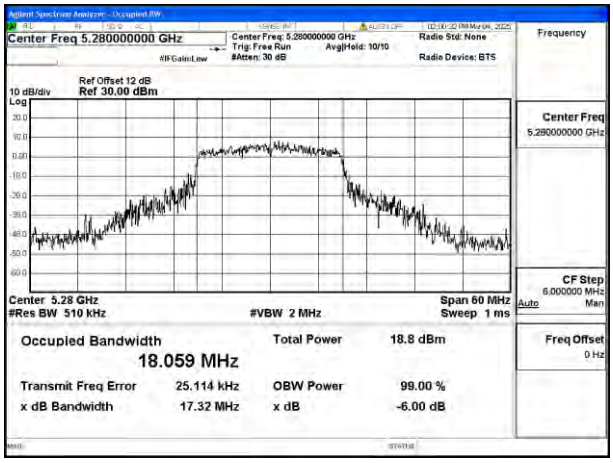
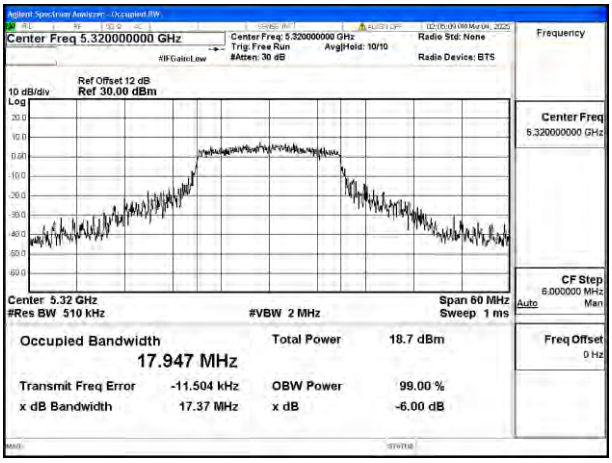

Mode:802.11a Frequency:5280MHz Ant:Chain1



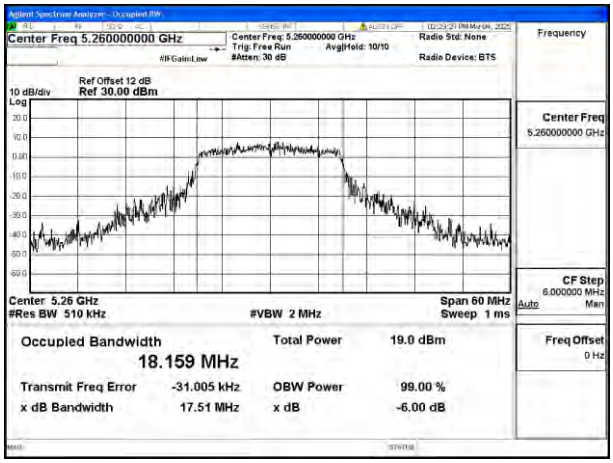
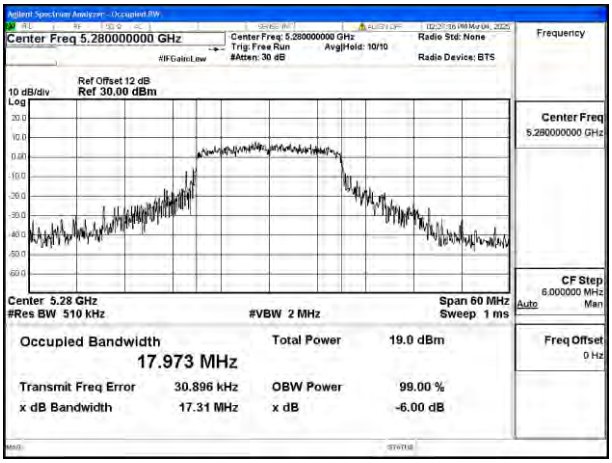
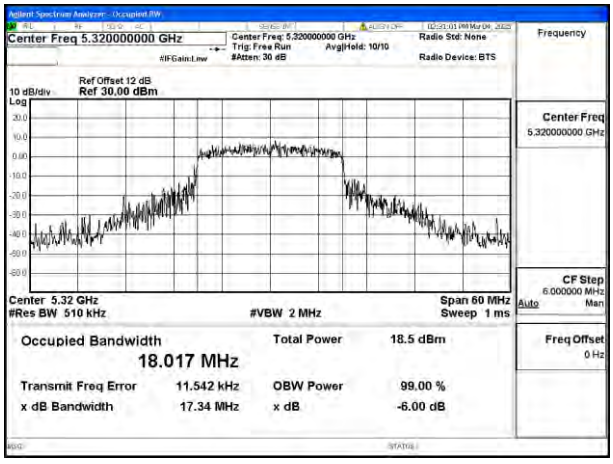
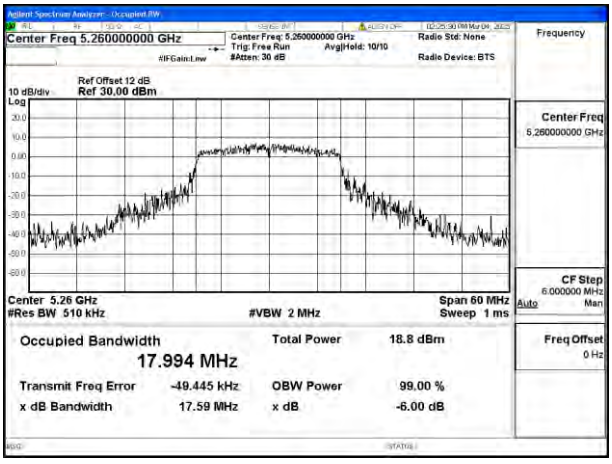

Mode:802.11a Frequency:5320MHz Ant:Chain1

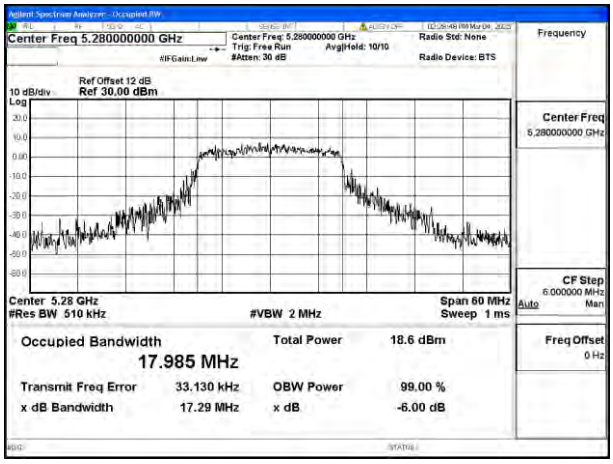
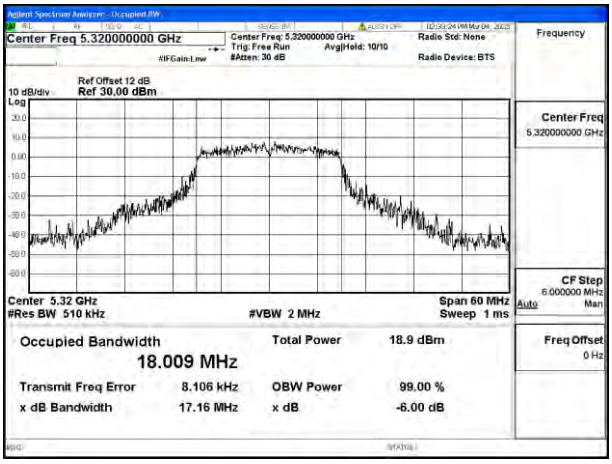
Test Mode: 802.11n HT20

| | |
|---|---|
|  |  |
| Mode:802.11n HT20 Frequency:5260MHz<br>Ant:Chain0 | Mode:802.11n HT20 Frequency:5280MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11n HT20 Frequency:5320MHz<br>Ant:Chain0 | Mode:802.11n HT20 Frequency:5260MHz<br>Ant:Chain1 |

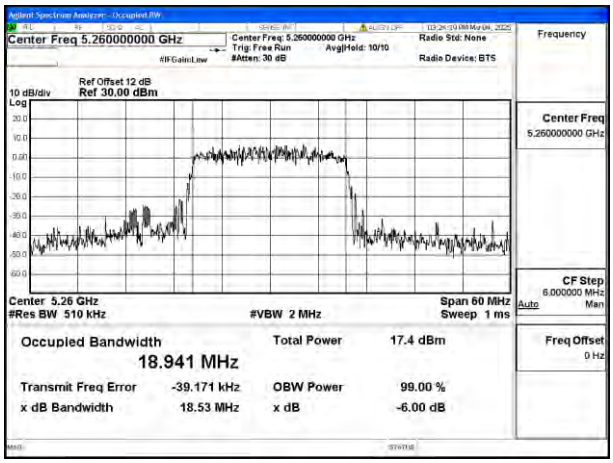
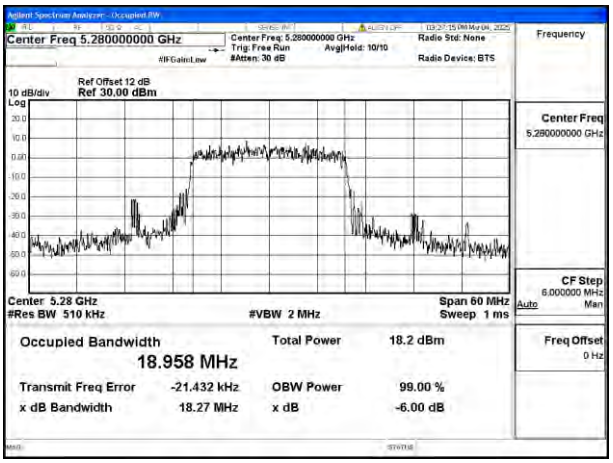
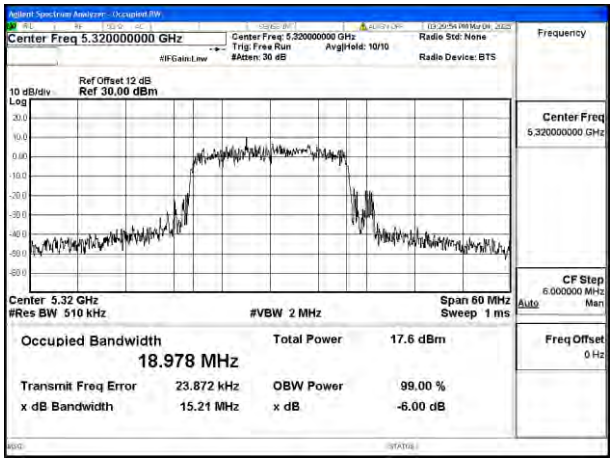
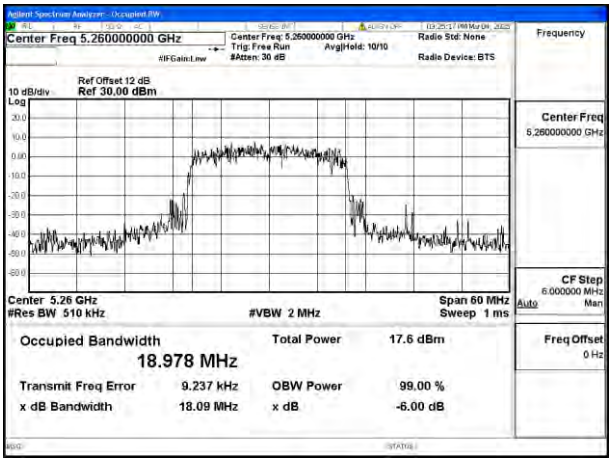
| | |
|---|---|
|  |  |
| Mode:802.11n HT20 Frequency:5280MHz<br>Ant:Chain1 | Mode:802.11n HT20 Frequency:5320MHz<br>Ant:Chain1 |

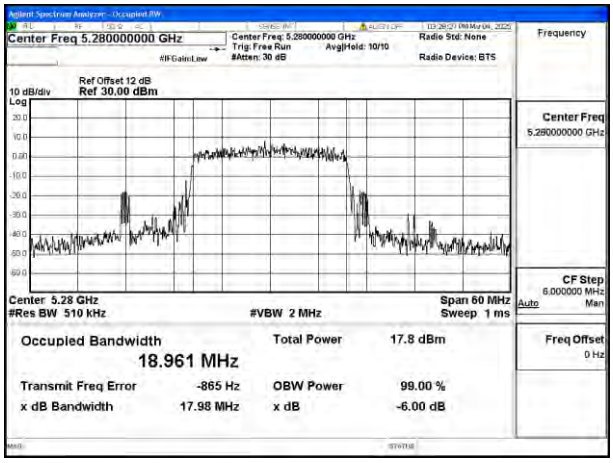
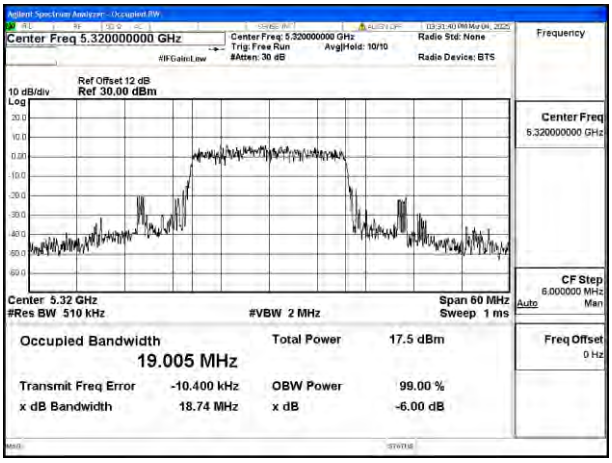
Test Mode: 802.11ac VHT20

| | |
|---|---|
|  |  |
| Mode:802.11ac VHT20 Frequency:5260MHz<br>Ant:Chain0 | Mode:802.11ac VHT20 Frequency:5280MHz<br>Ant:Chain0 |
|  |  |

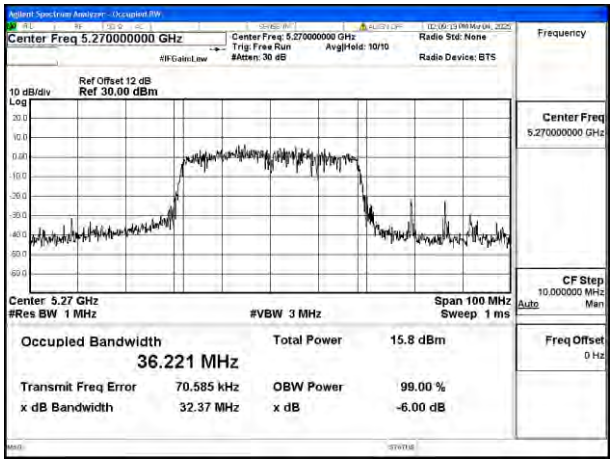
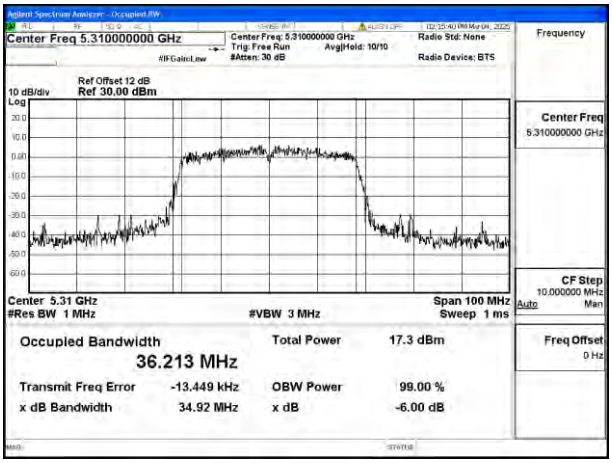
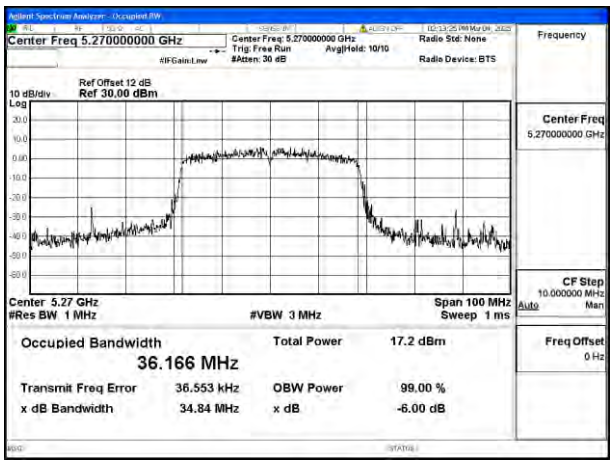
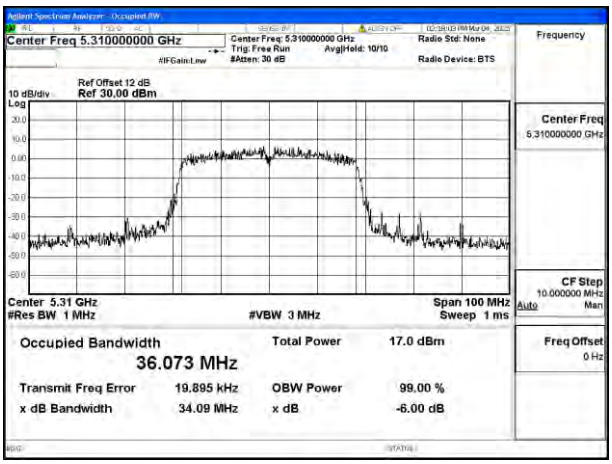
| Mode:802.11ac VHT20 Frequency:5320MHz<br>Ant:Chain0 | Mode:802.11ac VHT20 Frequency:5260MHz<br>Ant:Chain1 |
|---|---|
|  |  |
| Mode:802.11ac VHT20 Frequency:5280MHz<br>Ant:Chain1 | Mode:802.11ac VHT20 Frequency:5320MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE20

| | |
|---|---|
|  |  |
| Mode:802.11ax HE20 Frequency:5260MHz<br>Ant:Chain0 | Mode:802.11ax HE20 Frequency:5280MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11ax HE20 Frequency:5320MHz<br>Ant:Chain0 | Mode:802.11ax HE20 Frequency:5260MHz<br>Ant:Chain1 |

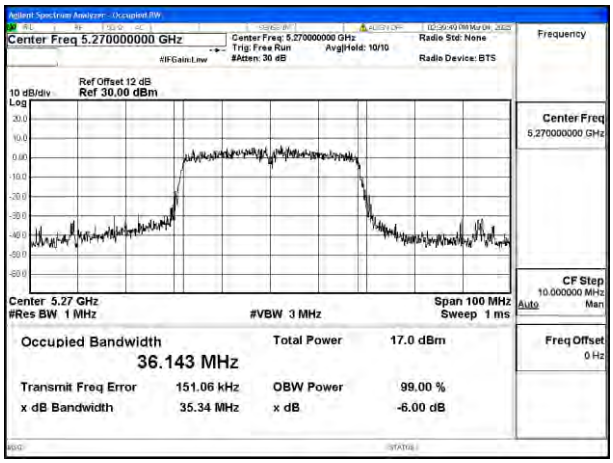
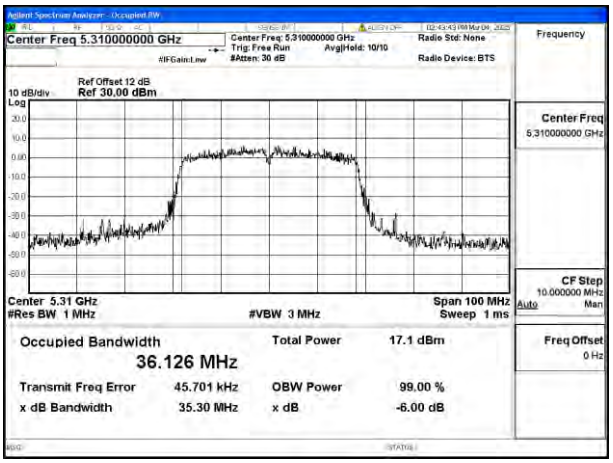
| | |
|---|---|
|  |  |
| Mode:802.11ax HE20 Frequency:5280MHz<br>Ant:Chain1 | Mode:802.11ax HE20 Frequency:5320MHz<br>Ant:Chain1 |

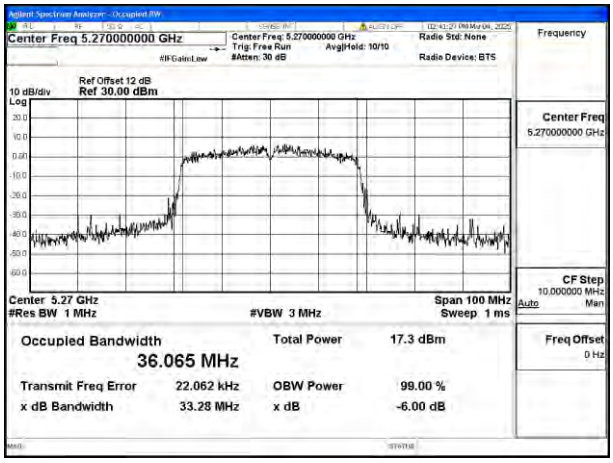
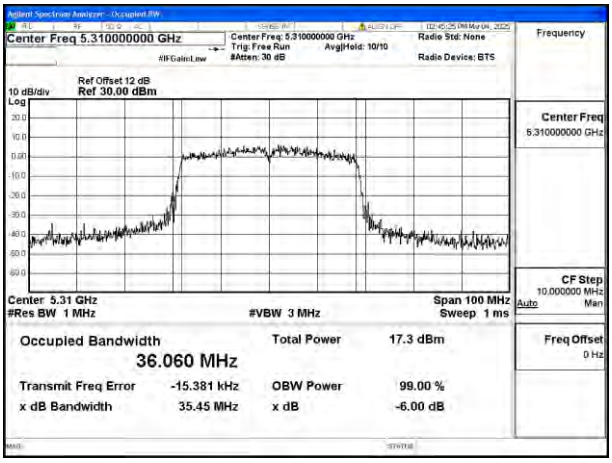
## Test Mode: 802.11n HT40

| | |
|---|---|
|  |  |
| Mode:802.11n HT40 Frequency:5270MHz<br>Ant:Chain0 | Mode:802.11n HT40 Frequency:5310MHz<br>Ant:Chain0 |
|  |  |

| | |
|---|---|
| Mode:802.11n HT40 Frequency:5270MHz<br>Ant:Chain1 | Mode:802.11n HT40 Frequency:5310MHz<br>Ant:Chain1 |

Test Mode: 802.11ac VHT40

| | |
|---|---|
|  |  |
| Mode:802.11ac VHT40 Frequency:5270MHz<br>Ant:Chain0 | Mode:802.11ac VHT40 Frequency:5310MHz<br>Ant:Chain0 |

| | |
|---|---|
|  |  |
| Mode:802.11ac VHT40 Frequency:5270MHz<br>Ant:Chain1 | Mode:802.11ac VHT40 Frequency:5310MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE40

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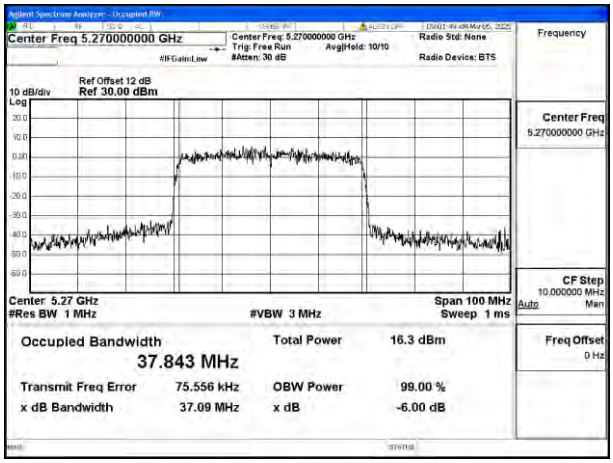
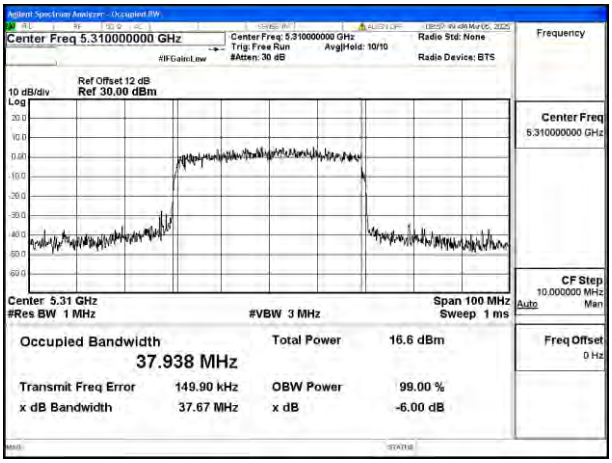
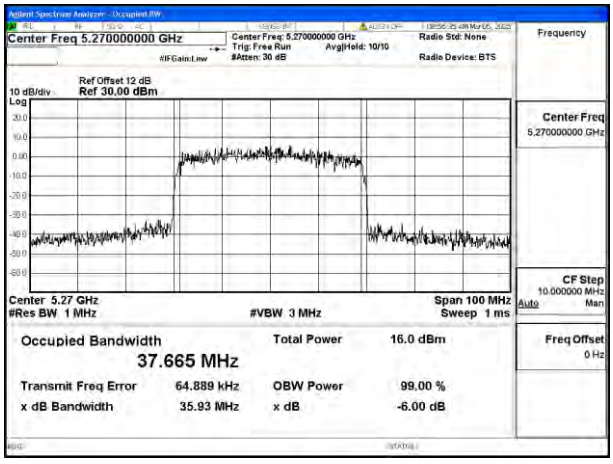
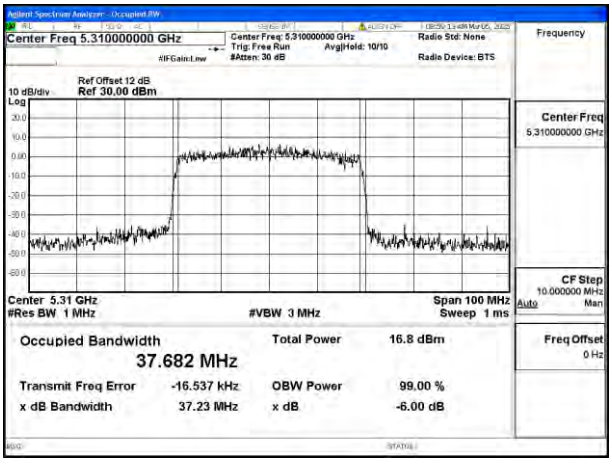
|---|---|
|  |  |
| Mode:802.11ax HE40 Frequency:5270MHz<br>Ant:Chain0 | Mode:802.11ax HE40 Frequency:5310MHz<br>Ant:Chain0 |
|  |  |

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|---|---|
| Mode:802.11ax HE40 Frequency:5270MHz<br>Ant:Chain1 | Mode:802.11ax HE40 Frequency:5310MHz<br>Ant:Chain1 |

Test Mode: 802.11ac VHT80

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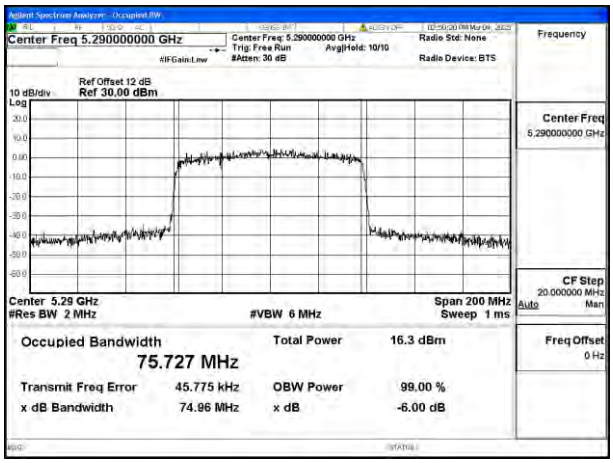
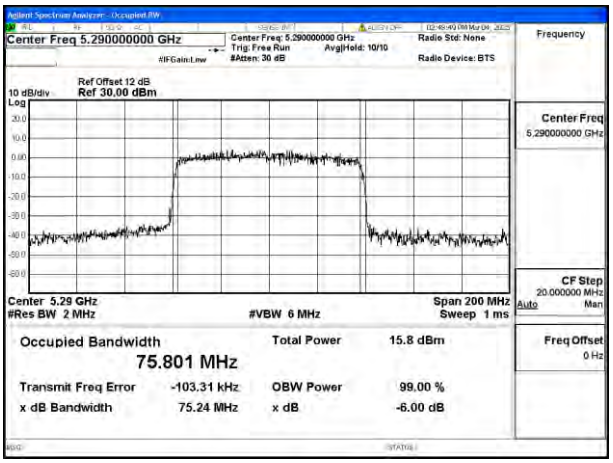
|---|---|
|  |  |
| Mode:802.11ac VHT80 Frequency:5290MHz<br>Ant:Chain0 | Mode:802.11ac VHT80 Frequency:5290MHz<br>Ant:Chain1 |

## Test Mode: 802.11ax HE80

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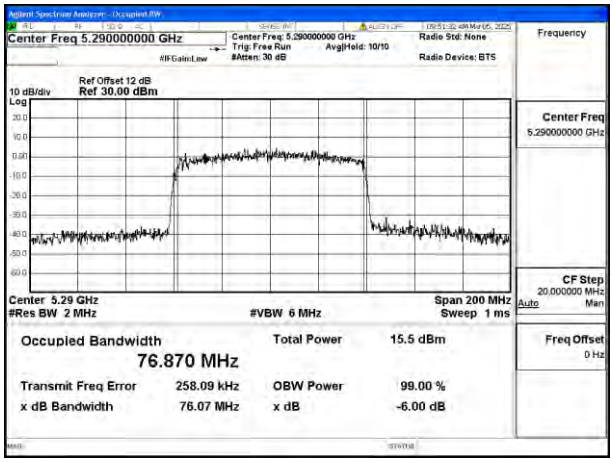
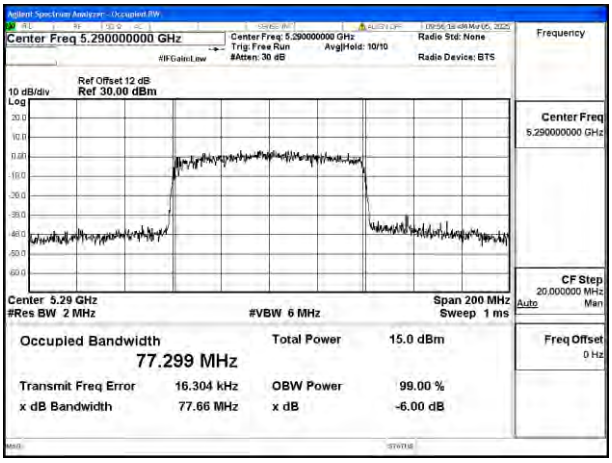
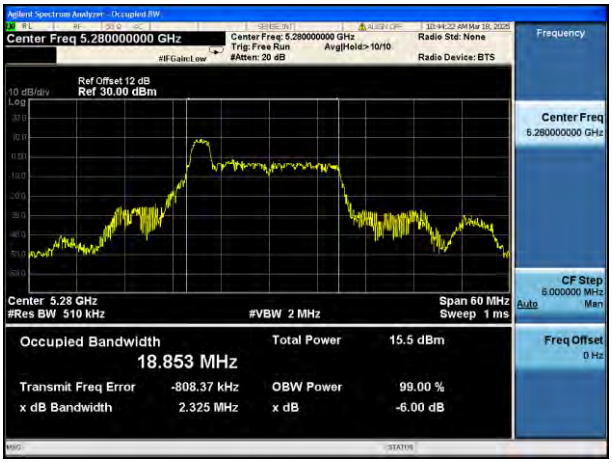
|---|---|
|  |  |
| Mode:802.11ax HE80 Frequency:5290MHz<br>Ant:Chain0 | Mode:802.11ax HE80 Frequency:5290MHz<br>Ant:Chain1 |

## Test Mode: 802.11ax HE20 26T

| | |
|---|---|
| |  |
| Mode:802.11ax HE20 26T Frequency:5260MHz<br>Ant:Chain0 | Mode:802.11ax HE20 26T Frequency:5280MHz<br>Ant:Chain0 |
| | |

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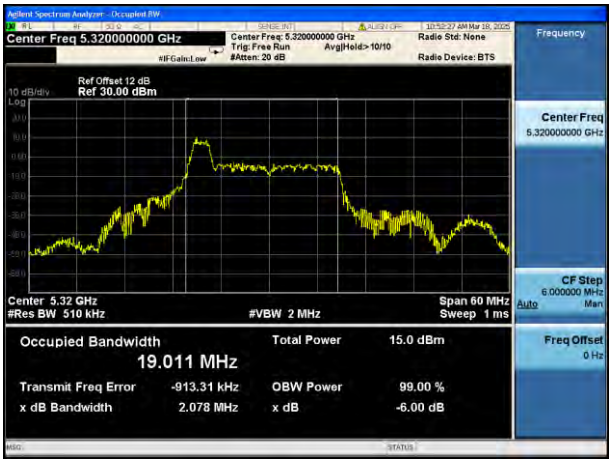
|---|---|
| Mode:802.11ax HE20 26T Frequency:5320MHz<br>Ant:Chain0 | Mode:802.11ax HE20 26T Frequency:5260MHz<br>Ant:Chain1 |
| |  |
| Mode:802.11ax HE20 26T Frequency:5280MHz<br>Ant:Chain1 | Mode:802.11ax HE20 26T Frequency:5320MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE40 26T

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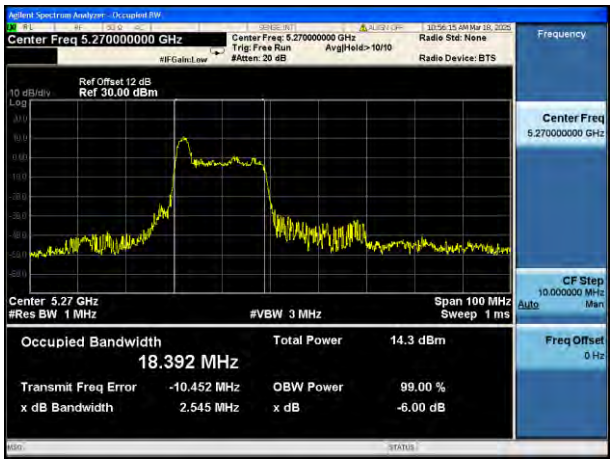
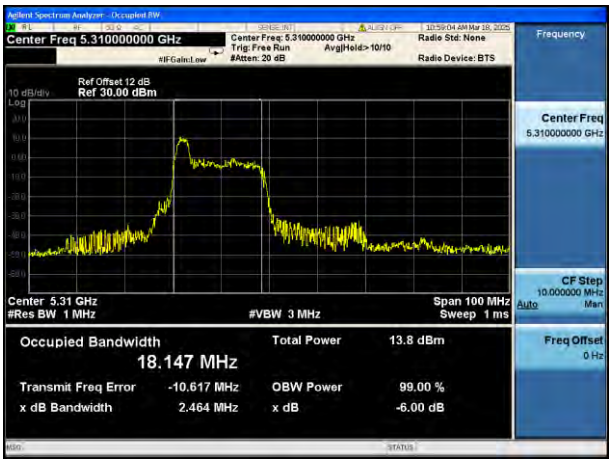
|---|---|
|  |  |
| Mode:802.11ax HE40 26T Frequency:5270MHz<br>Ant:Chain0 | Mode:802.11ax HE40 26T Frequency:5310MHz<br>Ant:Chain0 |

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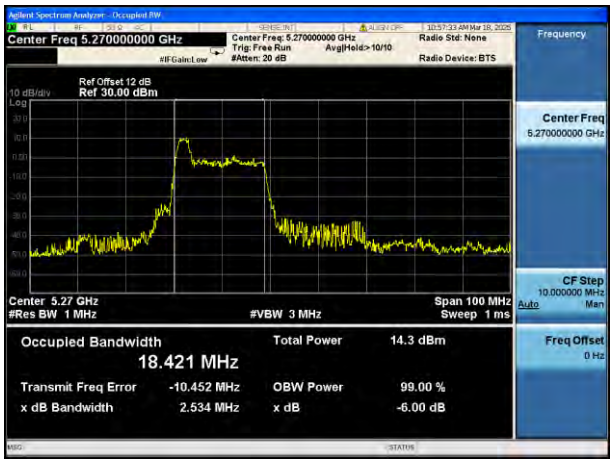
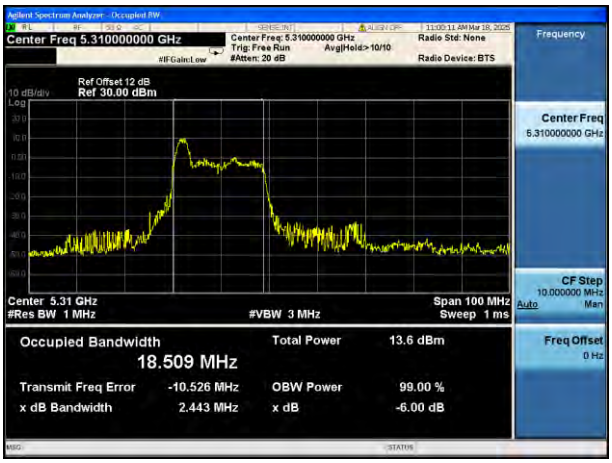
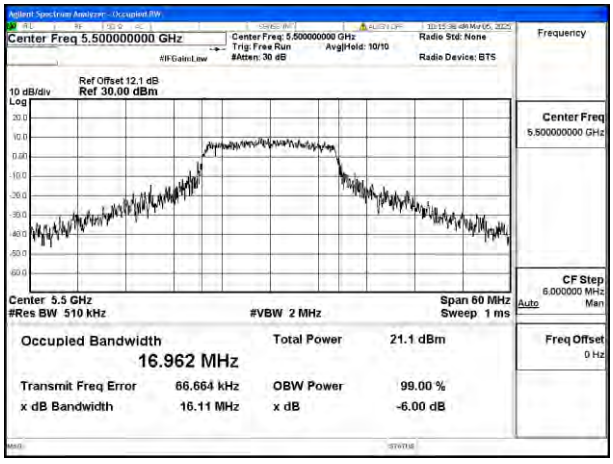
|---|---|
|  |  |
| Mode:802.11ax HE40 26T Frequency:5270MHz<br>Ant:Chain1 | Mode:802.11ax HE40 26T Frequency:5310MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE80 26T

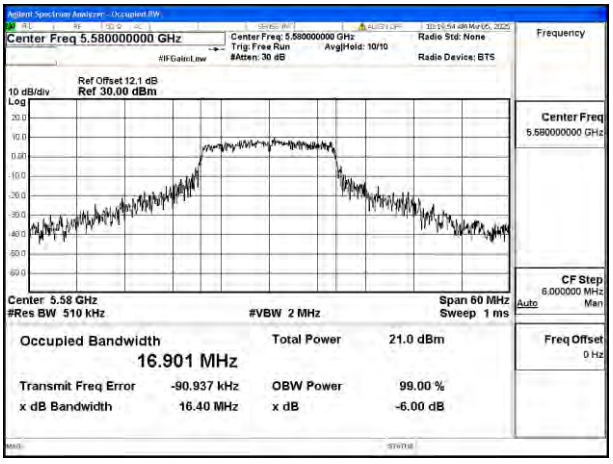
| | |
|---|---|
| | |
| Mode:802.11ax HE80 26T Frequency:5290MHz<br>Ant:Chain0 | Mode:802.11ax HE80 26T Frequency:5290MHz<br>Ant:Chain1 |

U-NII-2C

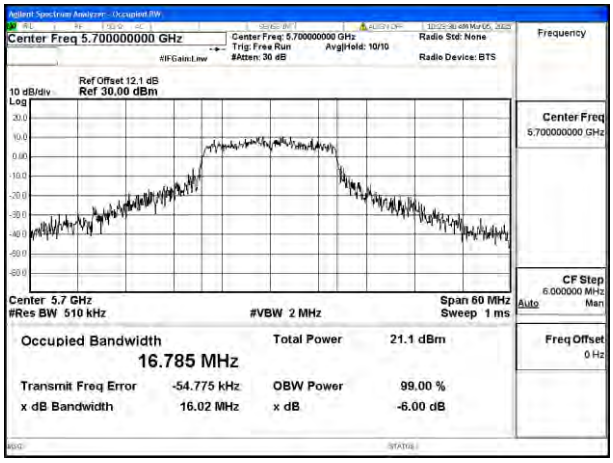
Test Mode: 802.11a



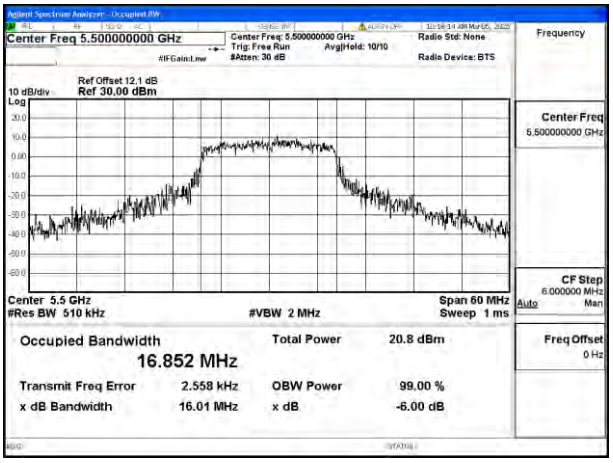

Mode:802.11a Frequency:5500MHz Ant:Chain0



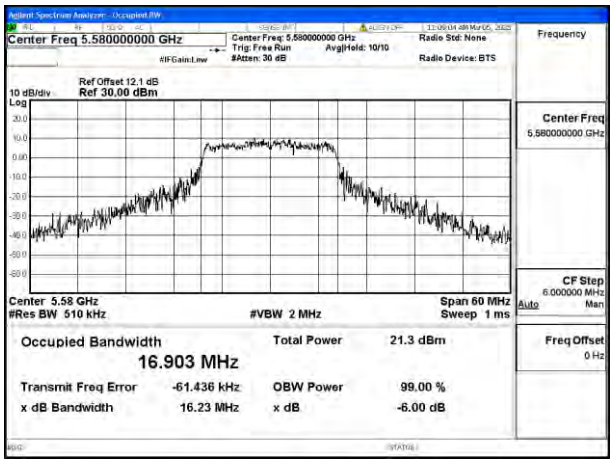

Mode:802.11a Frequency:5580MHz Ant:Chain0



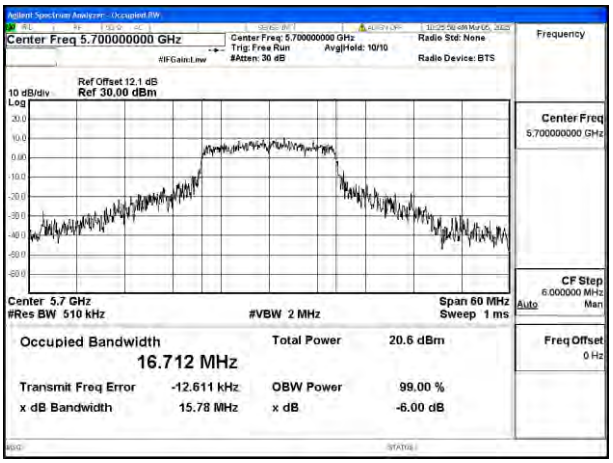

Mode:802.11a Frequency:5700MHz Ant:Chain0




Mode:802.11a Frequency:5500MHz Ant:Chain1

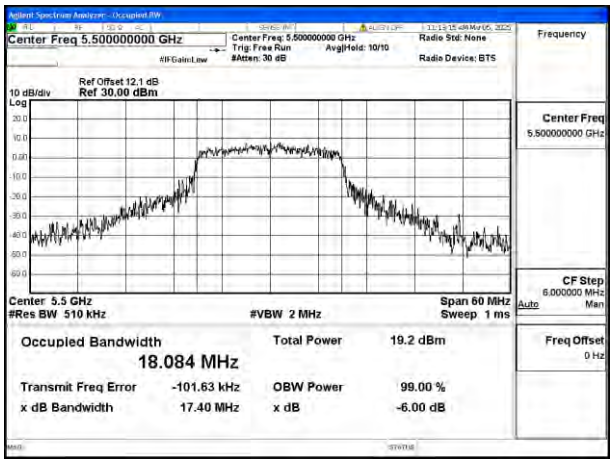
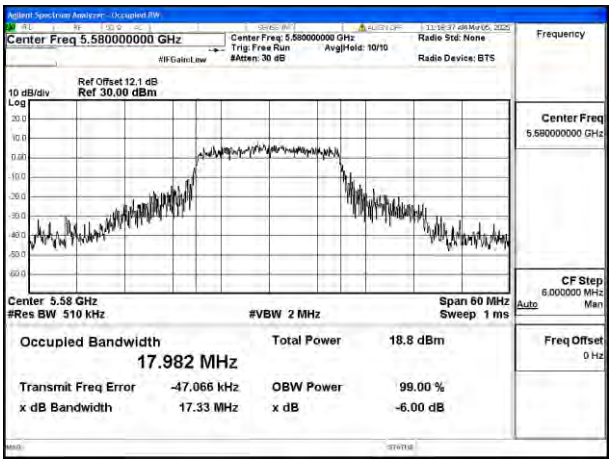
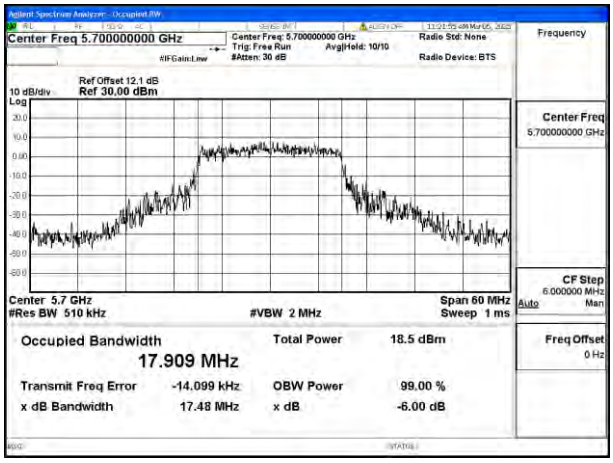
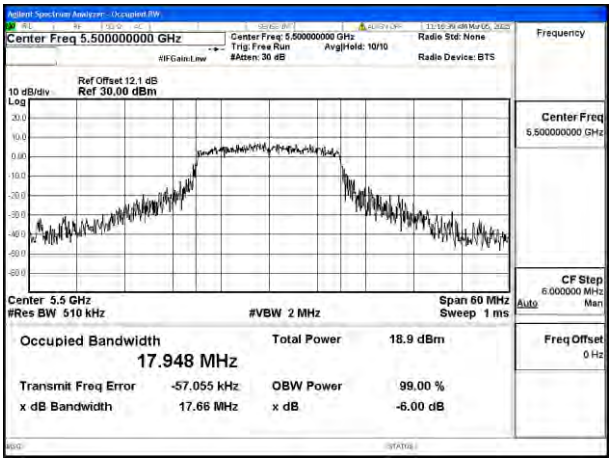


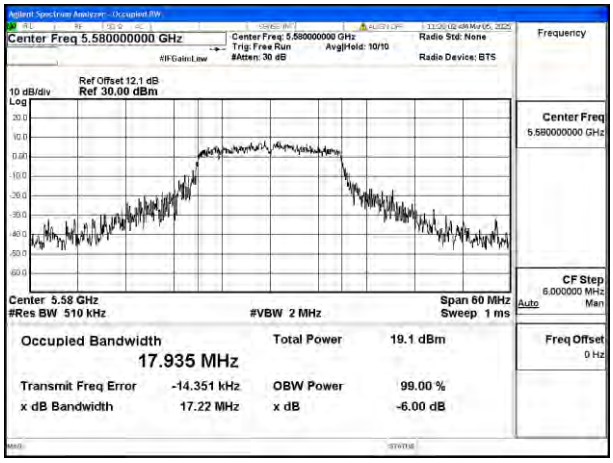

Mode:802.11a Frequency:5580MHz Ant:Chain1




Mode:802.11a Frequency:5700MHz Ant:Chain1

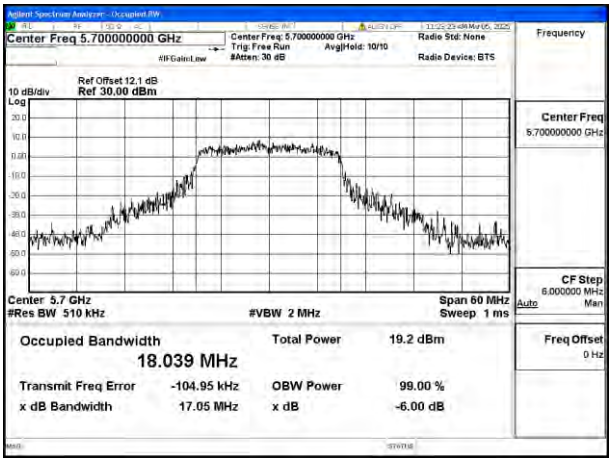
Test Mode: 802.11n HT20

| | |
|---|---|
|  |  |
| Mode:802.11n HT20 Frequency:5500MHz<br>Ant:Chain0 | Mode:802.11n HT20 Frequency:5580MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11n HT20 Frequency:5700MHz<br>Ant:Chain0 | Mode:802.11n HT20 Frequency:5500MHz<br>Ant:Chain1 |




Mode:802.11n HT20 Frequency:5580MHz

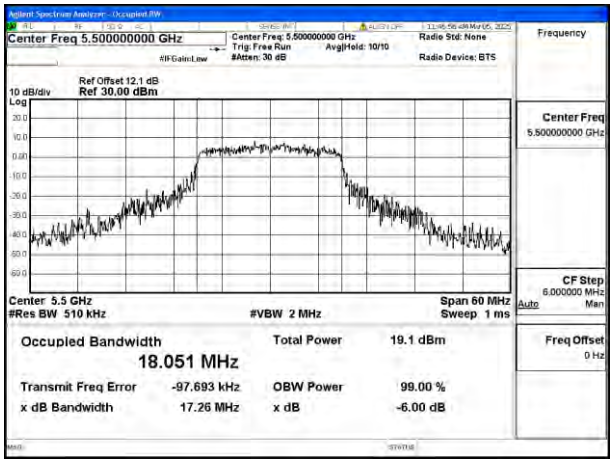
Ant:Chain1




Mode:802.11n HT20 Frequency:5700MHz

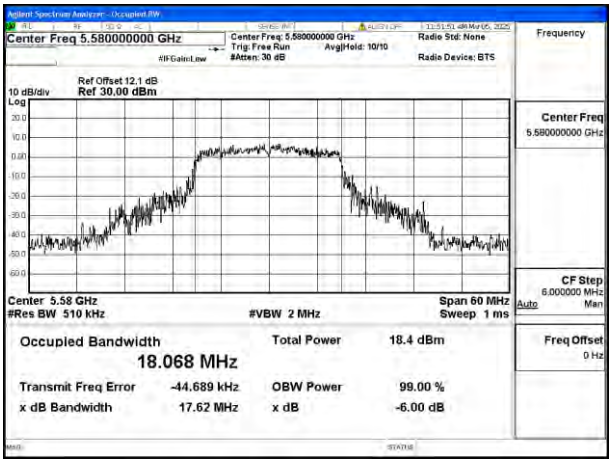
Ant:Chain1

Test Mode: 802.11ac VHT20



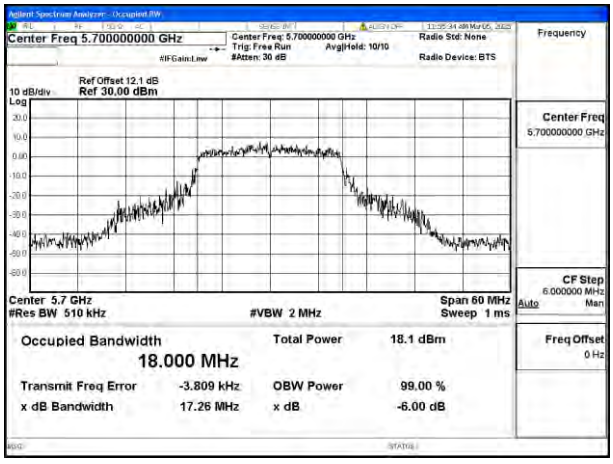

Mode:802.11ac VHT20 Frequency:5500MHz

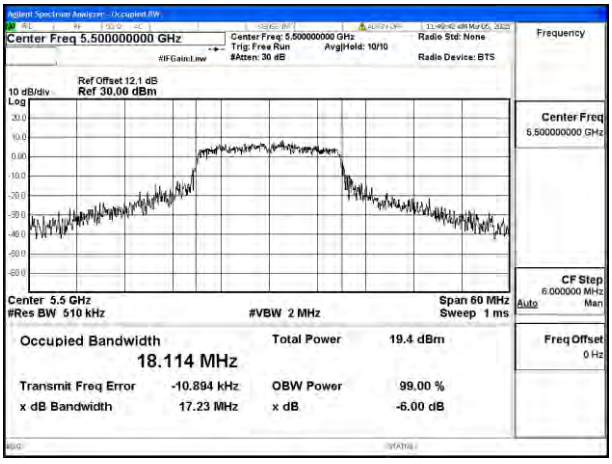
Ant:Chain0

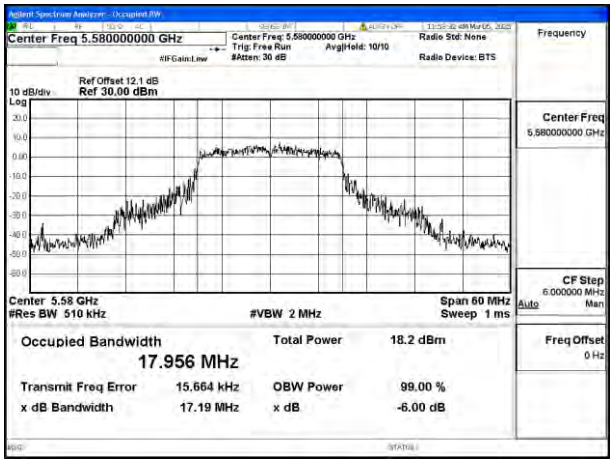
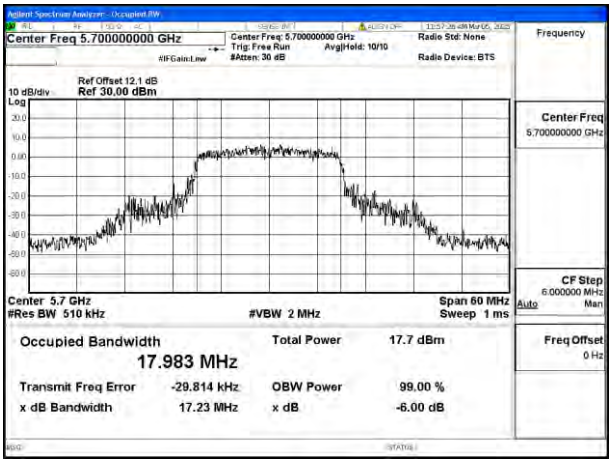



Mode:802.11ac VHT20 Frequency:5580MHz

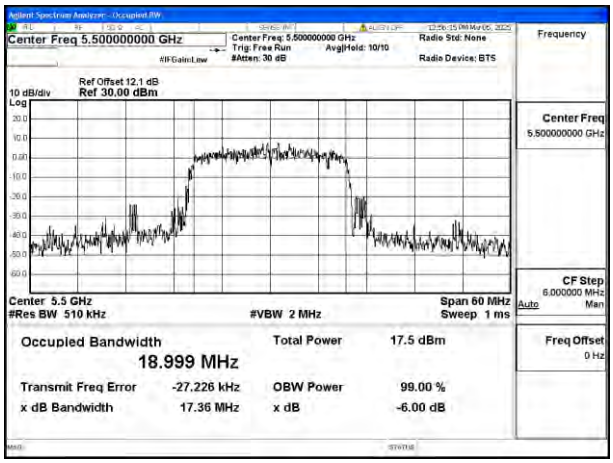
Ant:Chain0



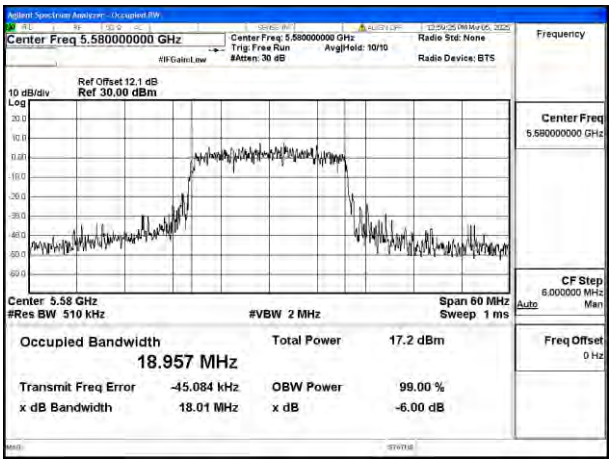



| Mode:802.11ac VHT20 Frequency:5700MHz<br>Ant:Chain0 | Mode:802.11ac VHT20 Frequency:5500MHz<br>Ant:Chain1 |
|---|---|
|  |  |
| Mode:802.11ac VHT20 Frequency:5580MHz<br>Ant:Chain1 | Mode:802.11ac VHT20 Frequency:5700MHz<br>Ant:Chain1 |

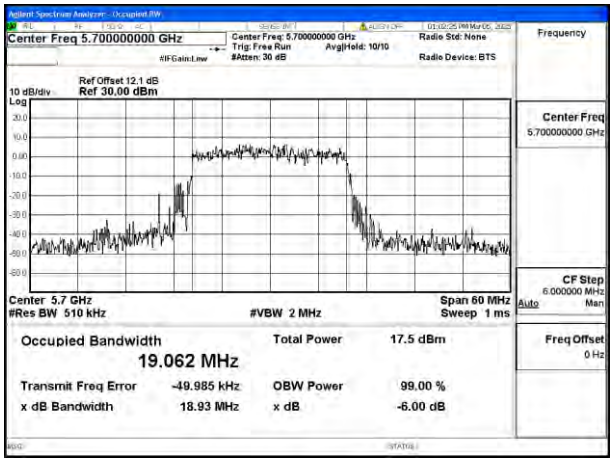
Test Mode: 802.11ax HE20



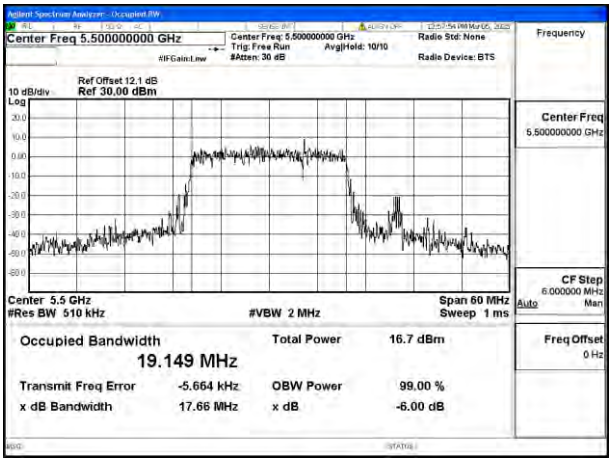

Mode:802.11ax HE20 Frequency:5500MHz
Ant:Chain0



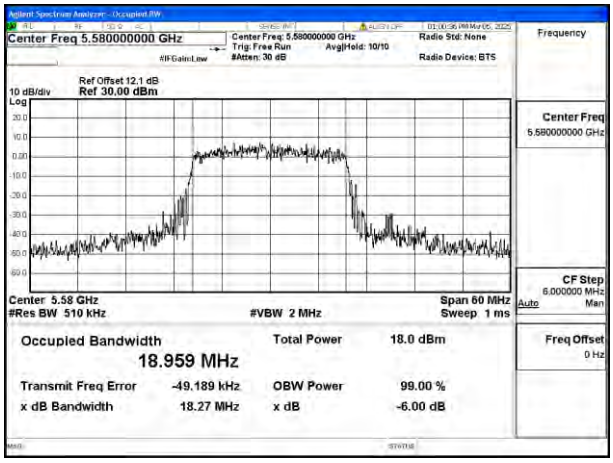
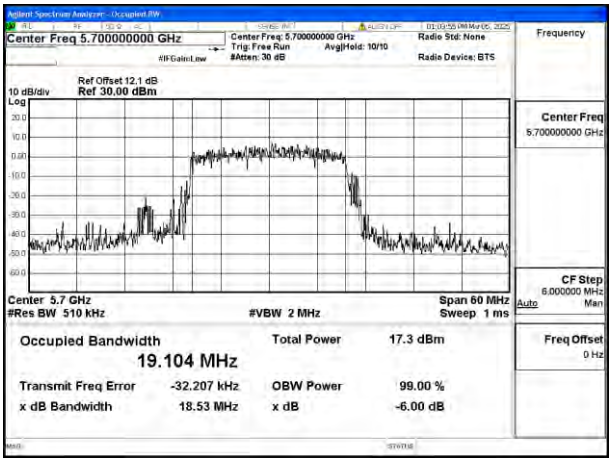

Mode:802.11ax HE20 Frequency:5580MHz
Ant:Chain0




Mode:802.11ax HE20 Frequency:5700MHz
Ant:Chain0




Mode:802.11ax HE20 Frequency:5500MHz
Ant:Chain1

| | |
|---|---|
|  |  |
| Mode:802.11ax HE20 Frequency:5580MHz<br>Ant:Chain1 | Mode:802.11ax HE20 Frequency:5700MHz<br>Ant:Chain1 |

Test Mode: 802.11n HT40

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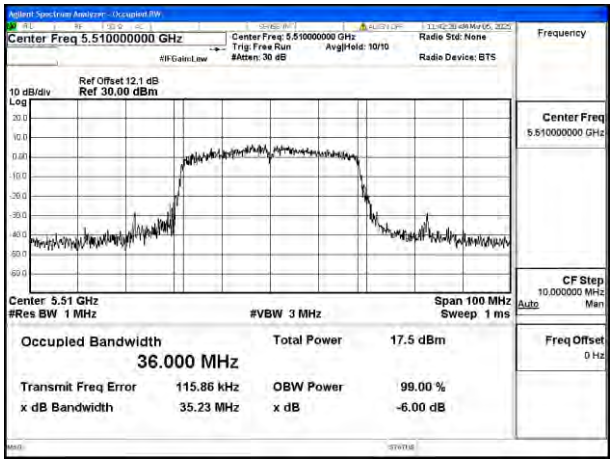
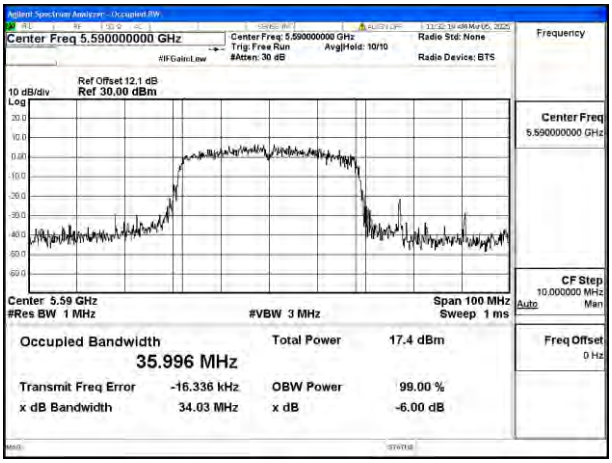
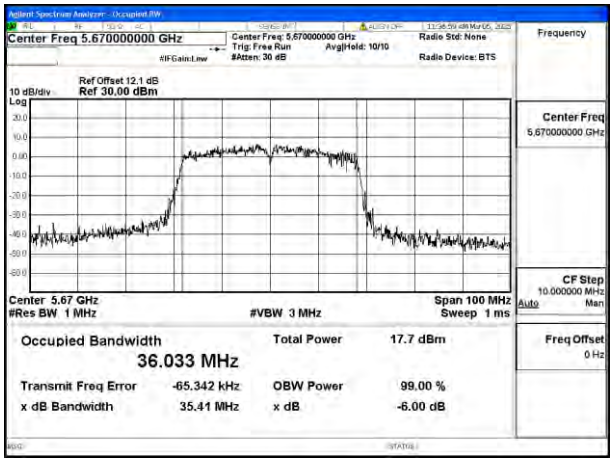
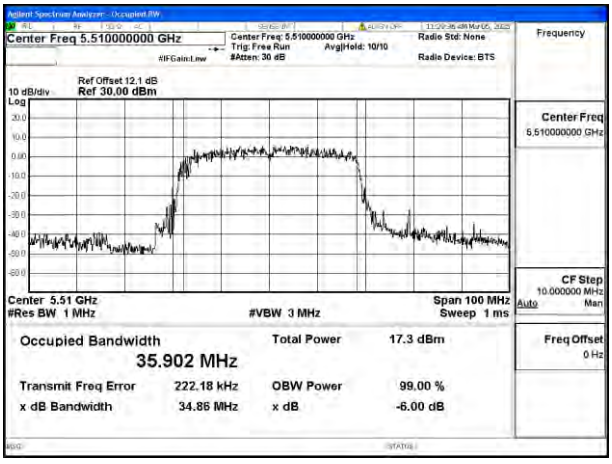
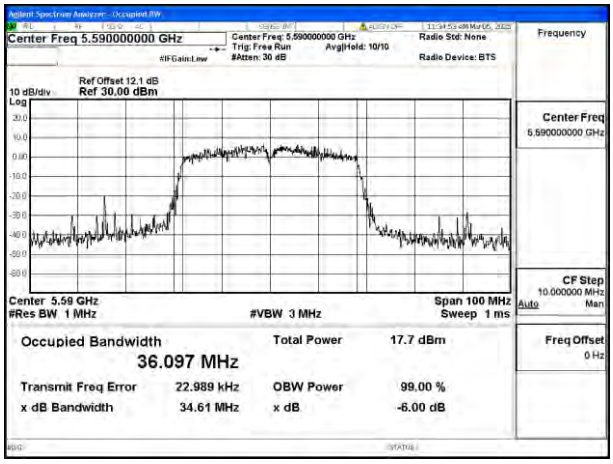
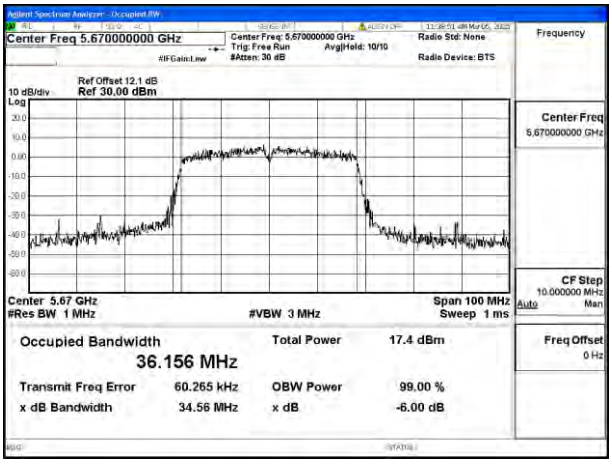
|---|---|
|  |  |
| Mode:802.11n HT40 Frequency:5510MHz<br>Ant:Chain0 | Mode:802.11n HT40 Frequency:5590MHz<br>Ant:Chain0 |
|  |  |

| Mode:802.11n HT40 Frequency:5670MHz<br>Ant:Chain0 | Mode:802.11n HT40 Frequency:5510MHz<br>Ant:Chain1 |
|---|---|
|  |  |
| Mode:802.11n HT40 Frequency:5590MHz<br>Ant:Chain1 | Mode:802.11n HT40 Frequency:5670MHz<br>Ant:Chain1 |

Test Mode: 802.11ac VHT40

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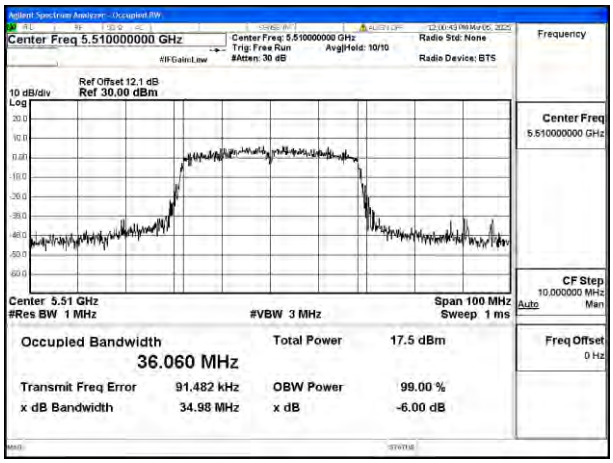
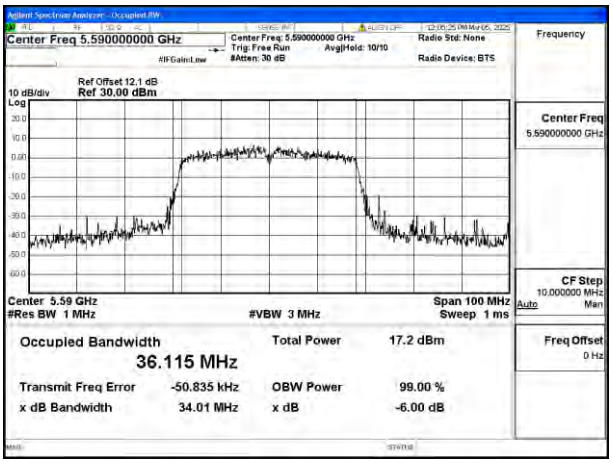
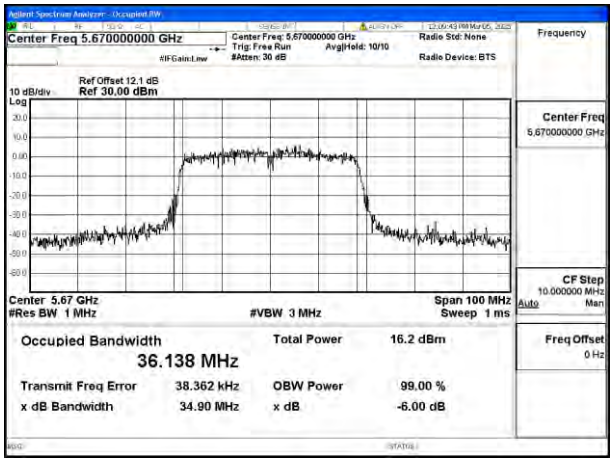
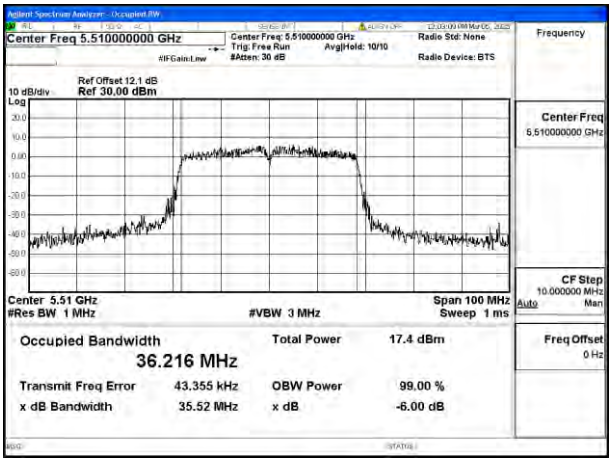
|---|---|
|  |  |
| Mode:802.11ac VHT40 Frequency:5510MHz<br>Ant:Chain0 | Mode:802.11ac VHT40 Frequency:5590MHz<br>Ant:Chain0 |
|  |  |
| Mode:802.11ac VHT40 Frequency:5670MHz<br>Ant:Chain0 | Mode:802.11ac VHT40 Frequency:5510MHz<br>Ant:Chain1 |

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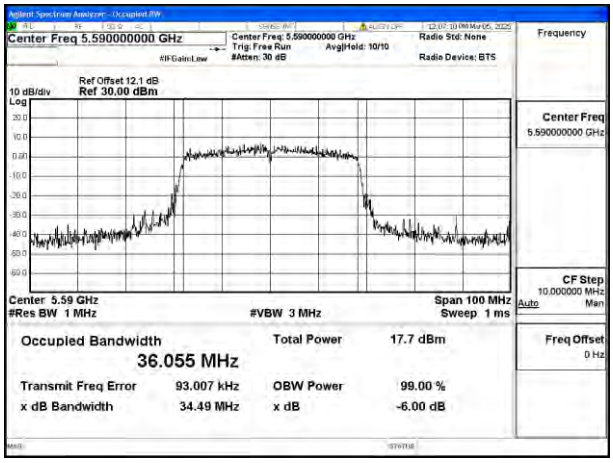
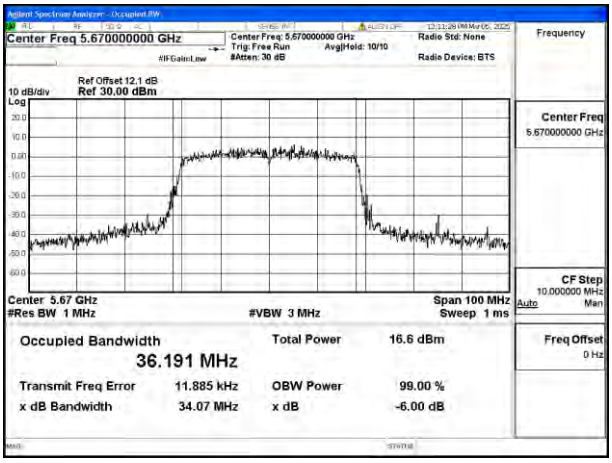
|---|---|
|  |  |
| Mode:802.11ac VHT40 Frequency:5590MHz<br>Ant:Chain1 | Mode:802.11ac VHT40 Frequency:5670MHz<br>Ant:Chain1 |

Test Mode: 802.11ax HE40

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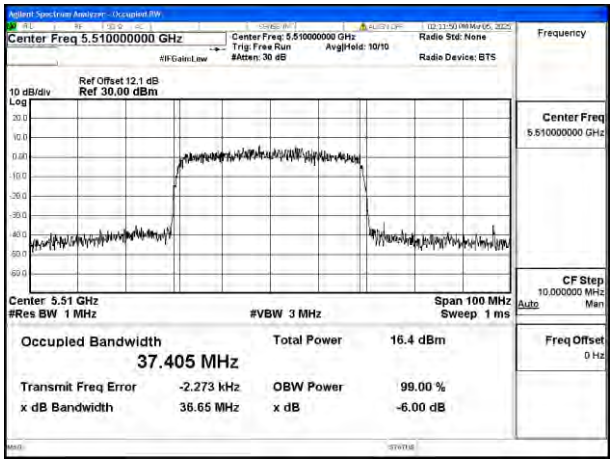
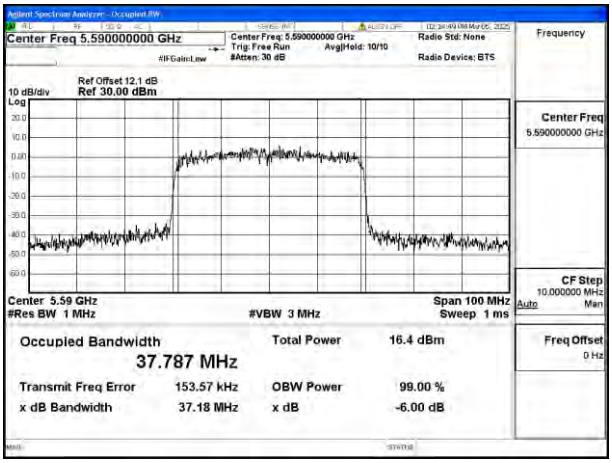
|  |  |
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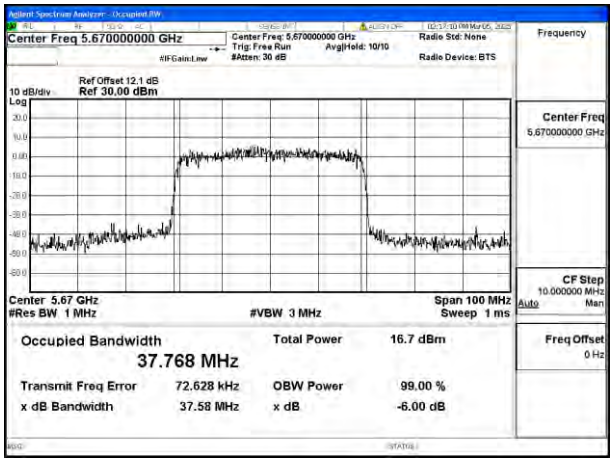
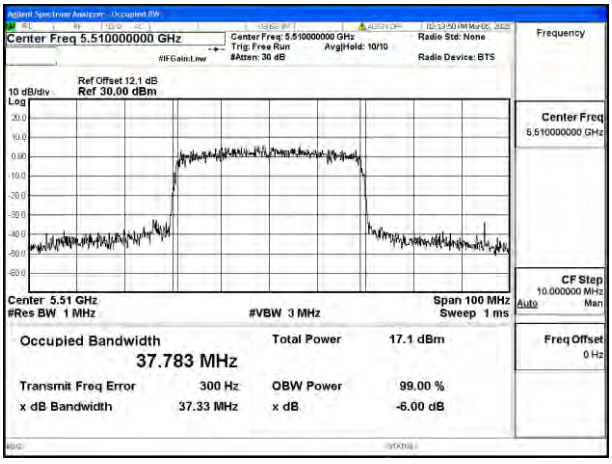
|  |  |