

Occupied Bandwidth

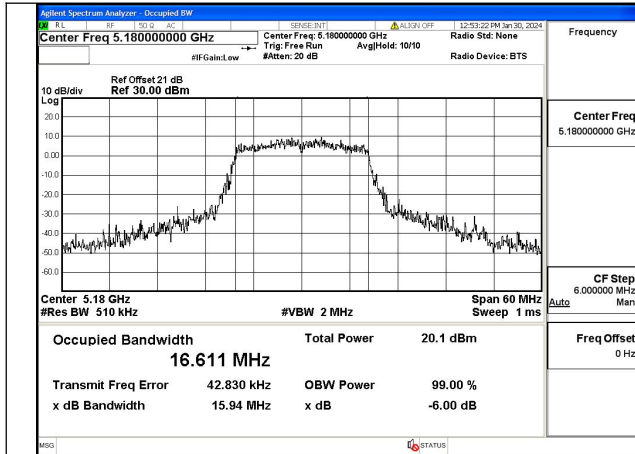
Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|----------------|---------|--------------------------|---------|---------|
| | | 5180MHz | 5220MHz | 5240MHz |
| 802.11a | Chain0 | 16.611 | 16.743 | 16.836 |
| 802.11a | Chain1 | 16.564 | 16.563 | 16.733 |
| 802.11n HT20 | Chain0 | 17.696 | 17.793 | 17.744 |
| 802.11n HT20 | Chain1 | 17.698 | 17.771 | 17.702 |
| 802.11ac VHT20 | Chain0 | 17.748 | 17.750 | 17.707 |
| 802.11ac VHT20 | Chain1 | 17.633 | 17.711 | 17.628 |

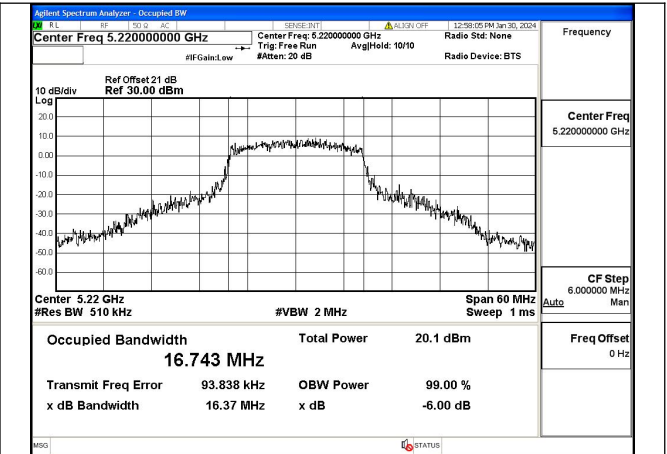
| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|----------------|---------|--------------------------|-----|---------|
| | | 5190MHz | --- | 5230MHz |
| 802.11n HT40 | Chain0 | 36.230 | --- | 36.398 |
| 802.11n HT40 | Chain1 | 36.086 | --- | 36.289 |
| 802.11ac VHT40 | Chain0 | 36.187 | --- | 36.271 |
| 802.11ac VHT40 | Chain1 | 36.157 | --- | 36.209 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|----------------|---------|--------------------------|-----|-----|
| | | 5210MHz | --- | --- |
| 802.11ac VHT80 | Chain0 | 76.014 | --- | --- |
| 802.11ac VHT80 | Chain1 | 75.883 | --- | --- |

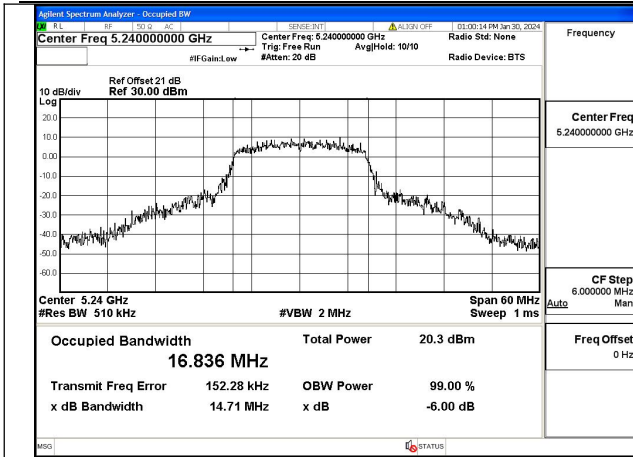
Test Mode: 802.11a



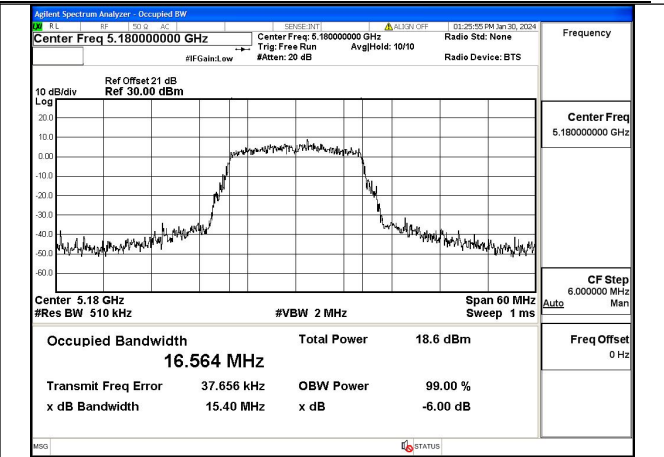
Mode:802.11a Frequency:5180MHz Ant:Chain0



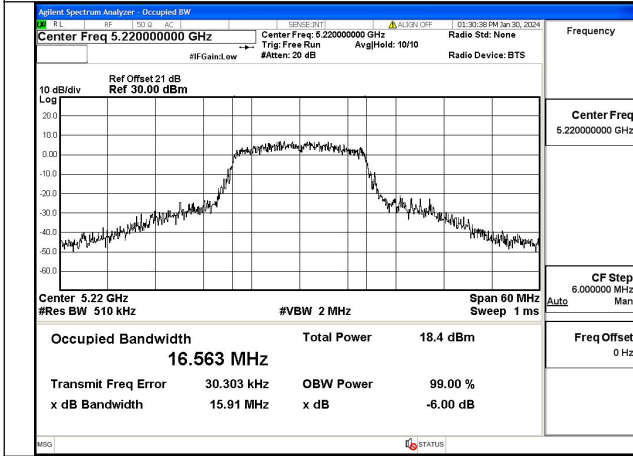
Mode:802.11a Frequency:5220MHz Ant:Chain0



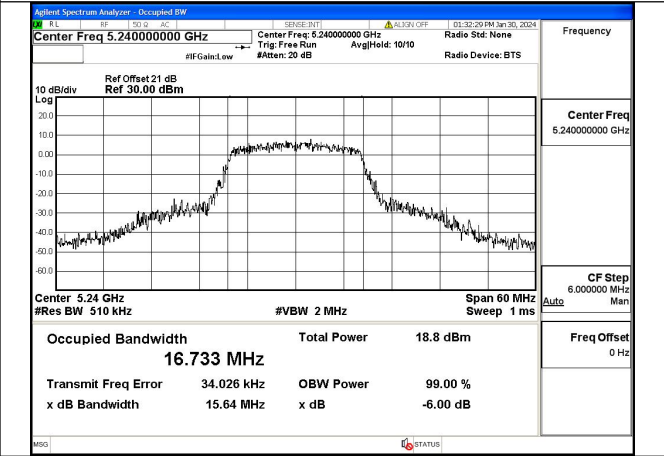
Mode:802.11a Frequency:5240MHz Ant:Chain0



Mode:802.11a Frequency:5180MHz Ant:Chain1

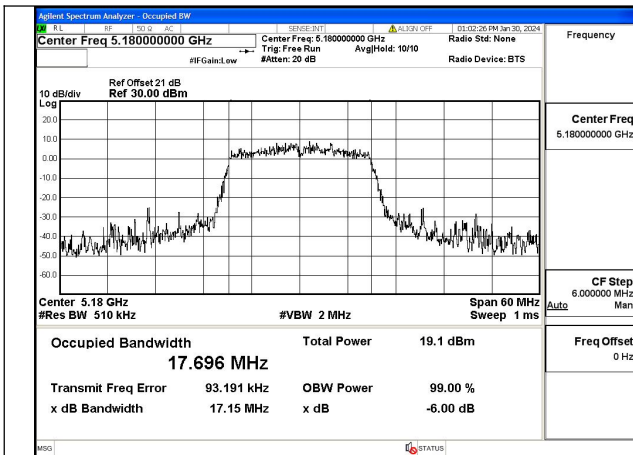


Mode:802.11a Frequency:5220MHz Ant:Chain1

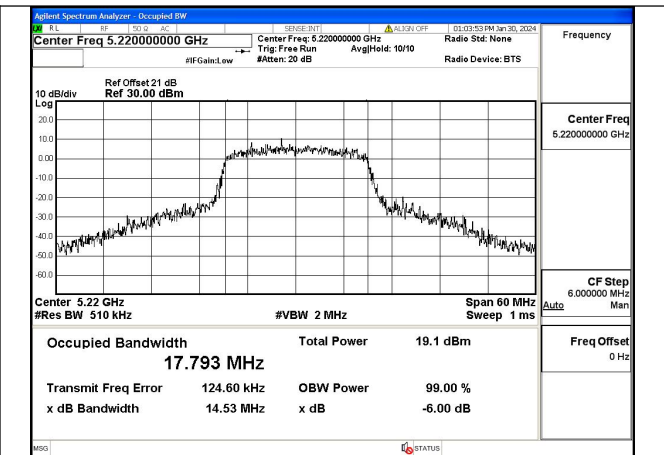


Mode:802.11a Frequency:5240MHz Ant:Chain1

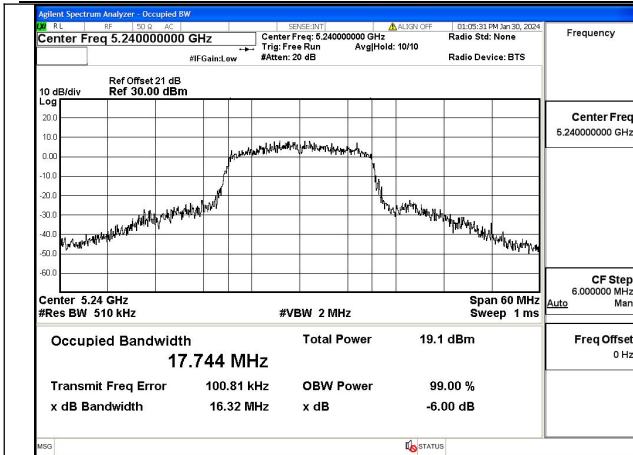
Test Mode: 802.11n HT20



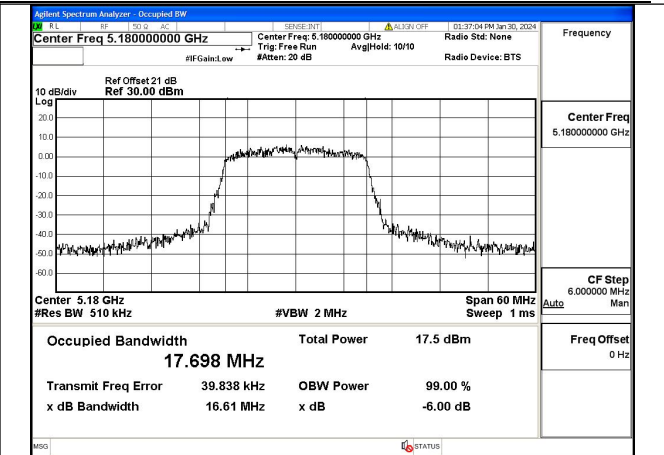
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0



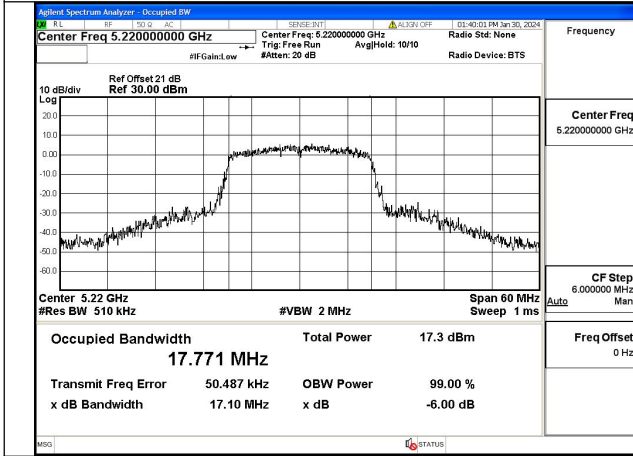
Mode:802.11n HT20 Frequency:5220MHz Ant:Chain0



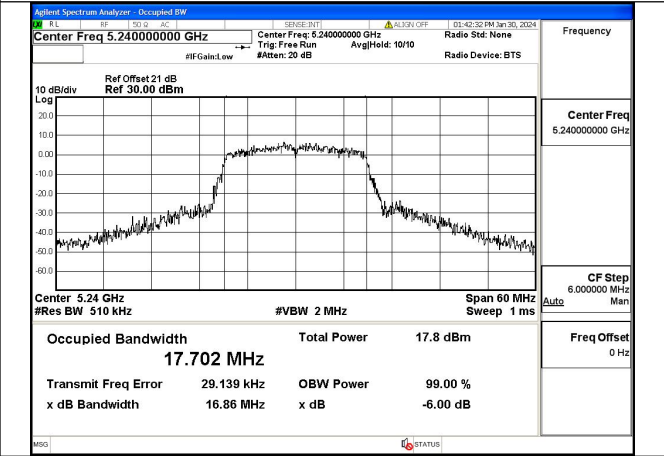
Mode:802.11n HT20 Frequency:5240MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1

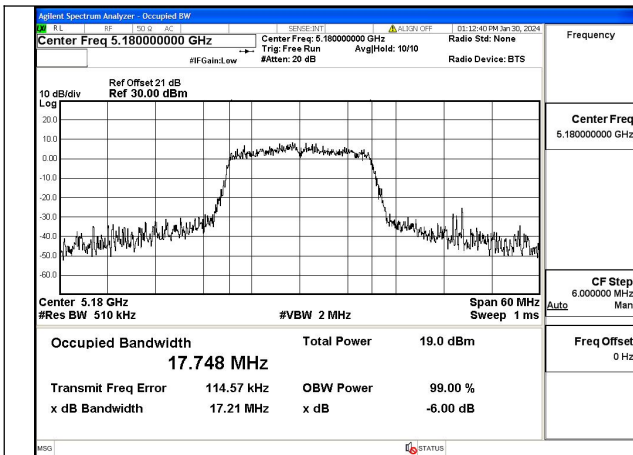


Mode:802.11n HT20 Frequency:5220MHz Ant:Chain1

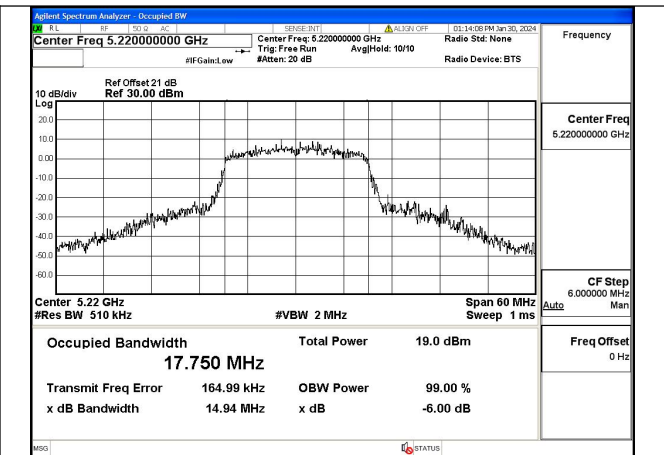


Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1

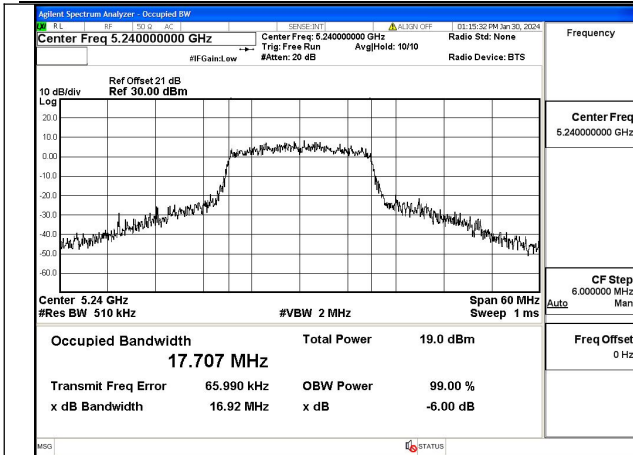
Test Mode: 802.11ac VHT20



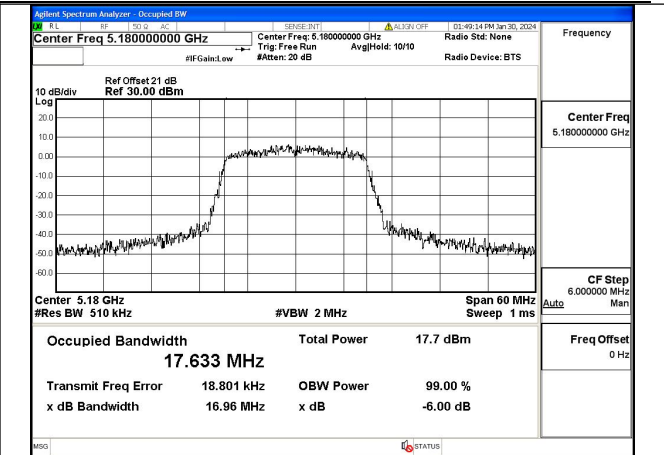
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain0



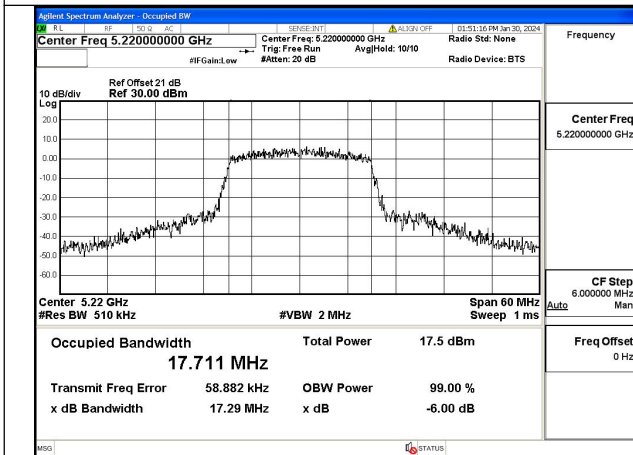
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain0



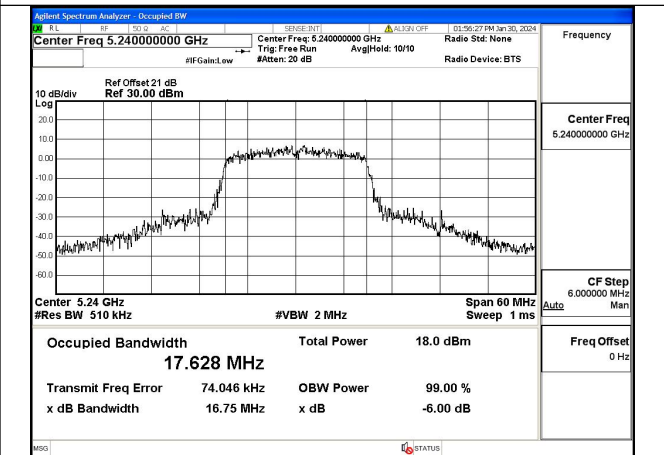
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain1

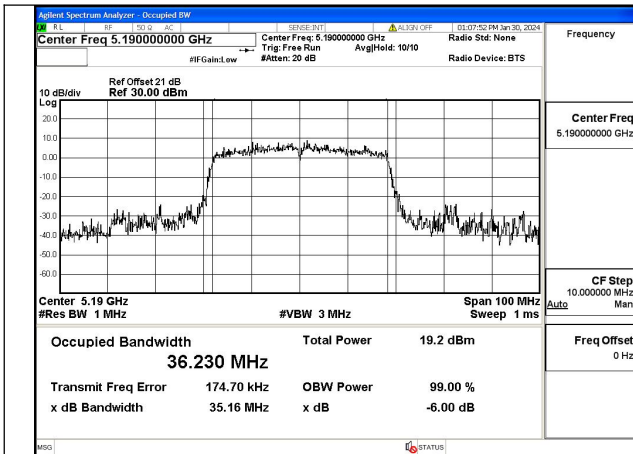


Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain1

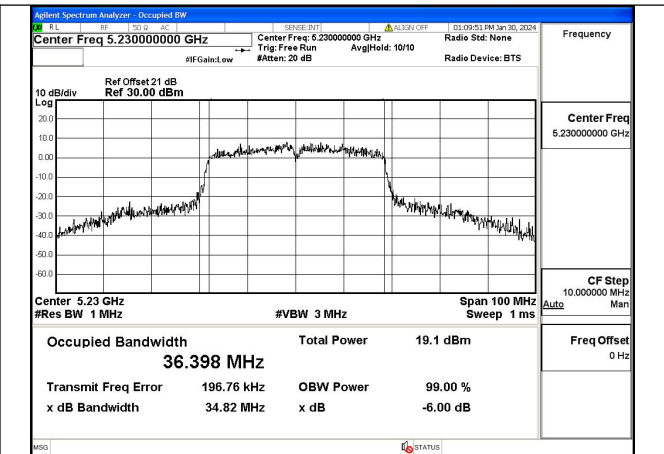


Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain1

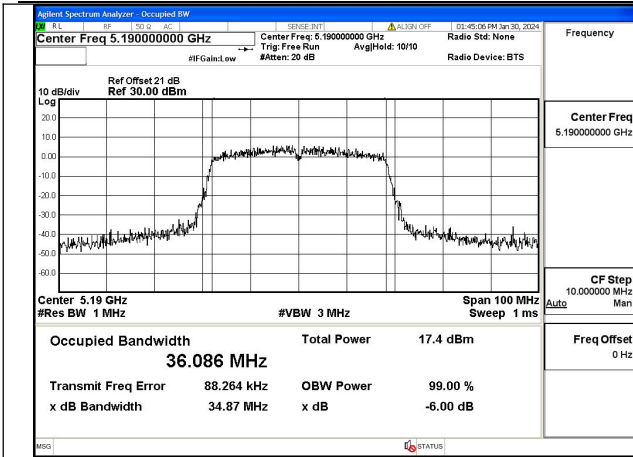
Test Mode: 802.11n HT40



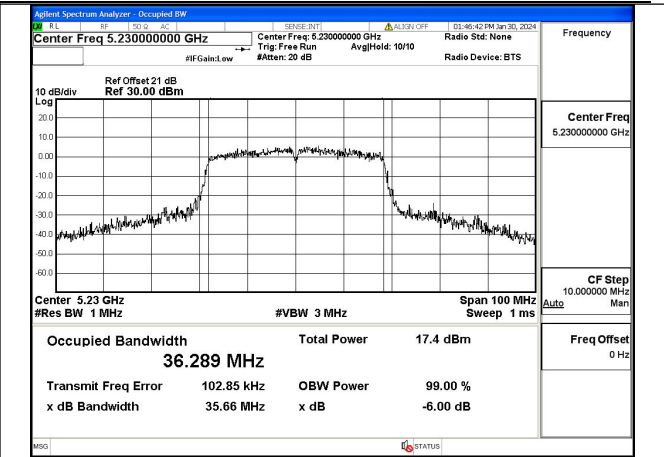
Mode:802.11n HT40 Frequency:5190MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5230MHz Ant:Chain0

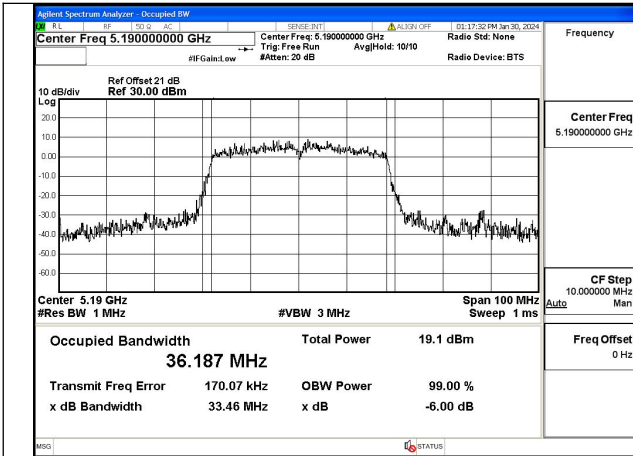


Mode:802.11n HT40 Frequency:5190MHz Ant:Chain1

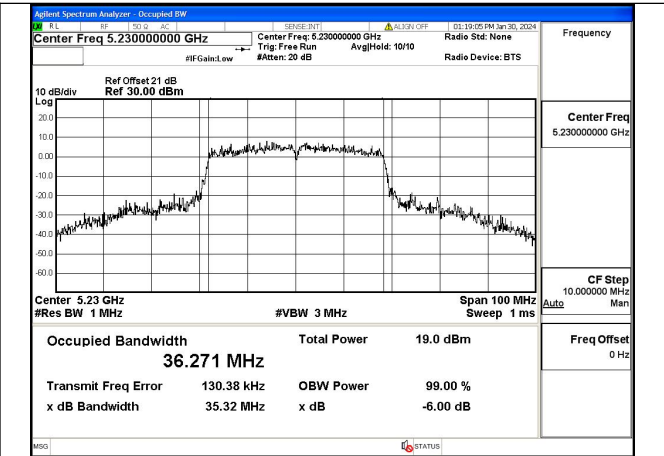


Mode:802.11n HT40 Frequency:5230MHz Ant:Chain1

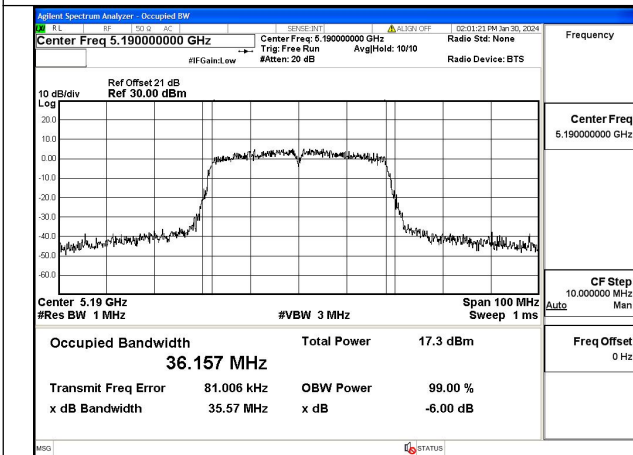
Test Mode: 802.11ac VHT40



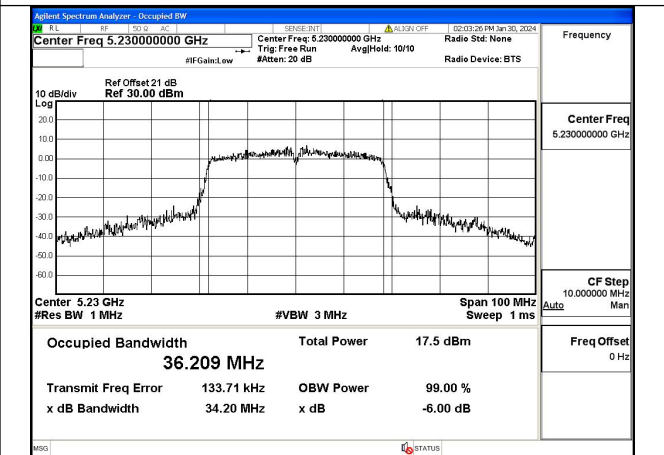
Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Chain0

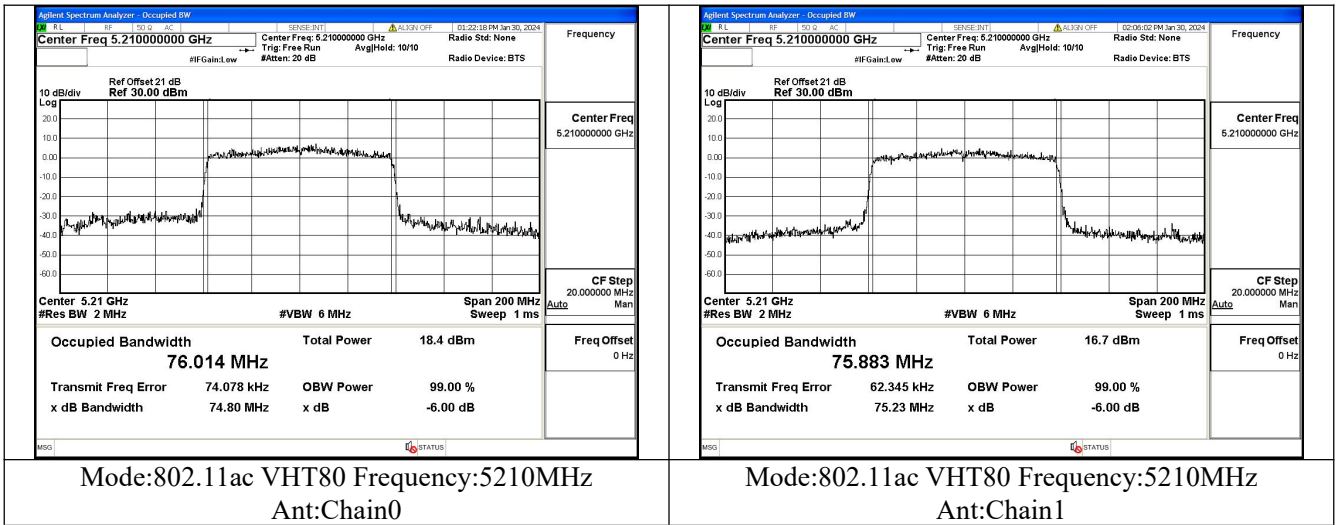


Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Chain1



Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



Transmitter Power Spectral Density

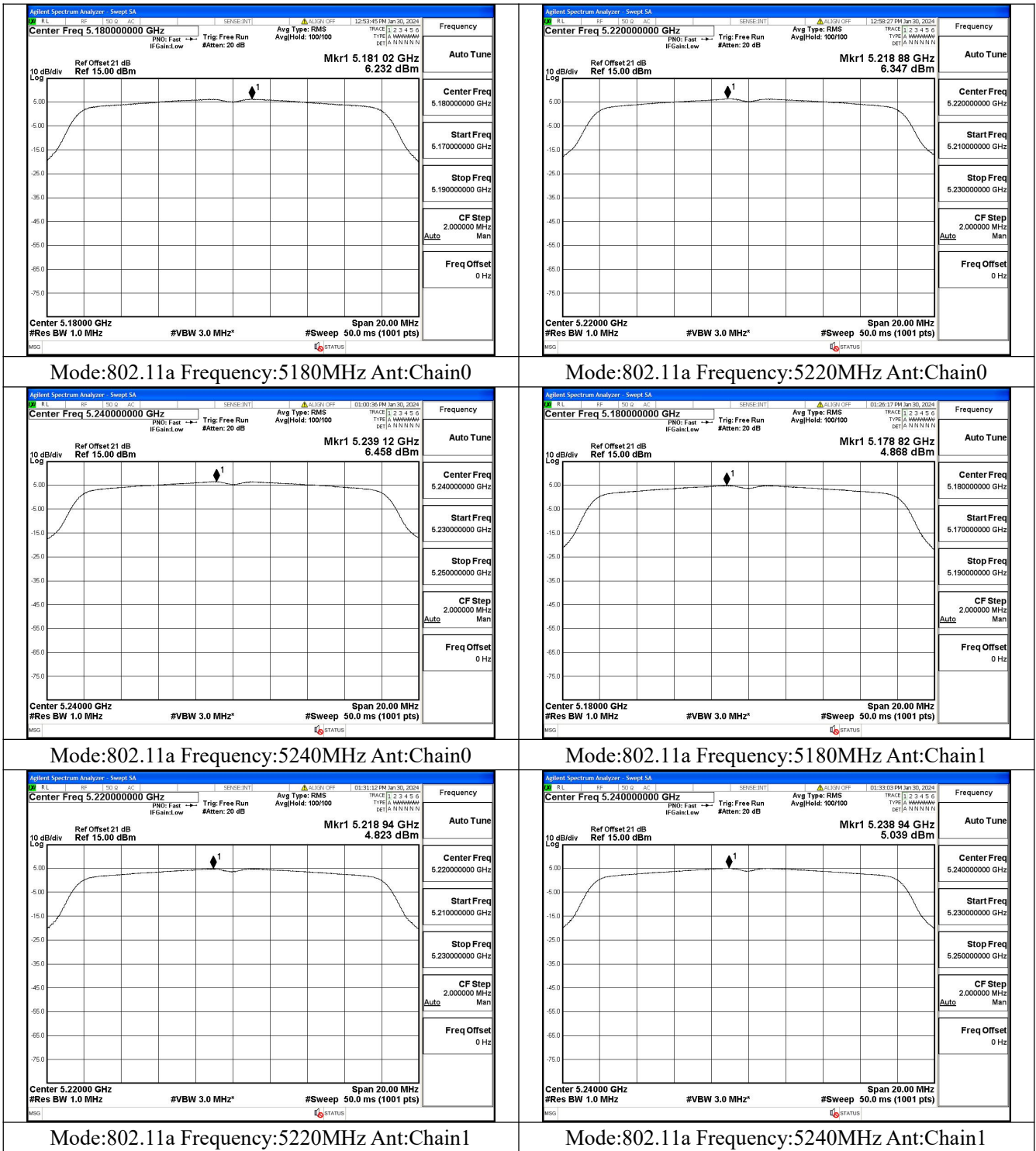
Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

| Test Mode | Antenna | Tones | 5180MHz | | 5220MHz | | 5240MHz | |
|----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11a | Chain0 | NA | 0 | 6.232 | 0 | 6.347 | 0 | 6.458 |
| 802.11a | Chain1 | NA | 0 | 4.868 | 0 | 4.823 | 0 | 5.039 |
| 802.11n HT20 | Chain0 | NA | 0 | 5.090 | 0 | 4.977 | 0 | 4.999 |
| 802.11n HT20 | Chain1 | NA | 0 | 3.657 | 0 | 3.555 | 0 | 3.821 |
| 802.11n HT20 | MIMO | NA | 0 | 7.443 | 0 | 7.334 | 0 | 7.460 |
| 802.11ac VHT20 | Chain0 | NA | 0 | 5.149 | 0 | 4.815 | 0 | 4.972 |
| 802.11ac VHT20 | Chain1 | NA | 0 | 3.686 | 0 | 3.400 | 0 | 3.775 |
| 802.11ac VHT20 | MIMO | NA | 0 | 7.489 | 0 | 7.175 | 0 | 7.425 |

| Test Mode | Antenna | Tones | 5190MHz | | --- | | 5230MHz | |
|----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11n HT40 | Chain0 | NA | 0 | 2.282 | --- | --- | 0 | 2.187 |
| 802.11n HT40 | Chain1 | NA | 0 | 0.555 | --- | --- | 0 | 0.597 |
| 802.11n HT40 | MIMO | NA | 0 | 4.514 | --- | --- | 0 | 4.475 |
| 802.11ac VHT40 | Chain0 | NA | 0 | 2.216 | --- | --- | 0 | 2.310 |
| 802.11ac VHT40 | Chain1 | NA | 0 | 0.505 | --- | --- | 0 | 0.709 |
| 802.11ac VHT40 | MIMO | NA | 0 | 4.455 | --- | --- | 0 | 4.593 |

| Test Mode | Antenna | Tones | 5210MHz | | --- | | --- | |
|----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11ac VHT80 | Chain0 | NA | 0 | -1.304 | --- | --- | --- | --- |
| 802.11ac VHT80 | Chain1 | NA | 0 | -2.795 | --- | --- | --- | --- |
| 802.11ac VHT80 | MIMO | NA | 0 | 1.024 | --- | --- | --- | --- |

Test Mode: 802.11a



Test Mode: 802.11n HT20

