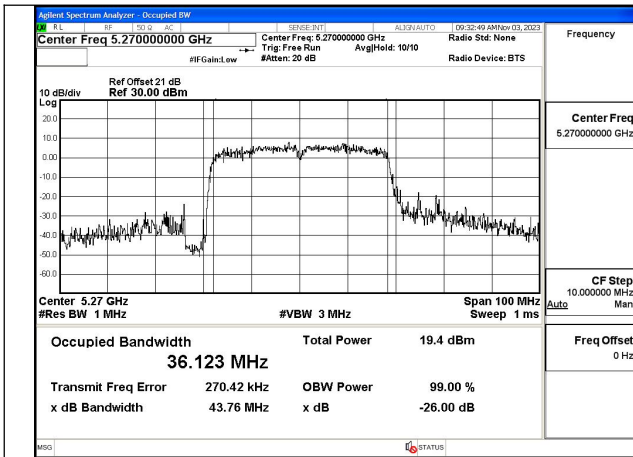
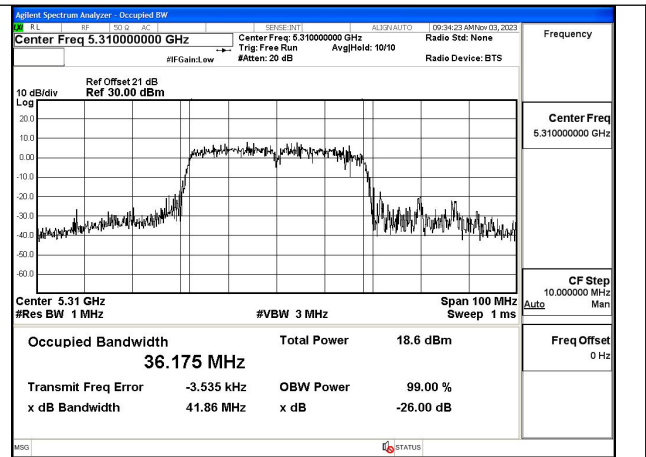


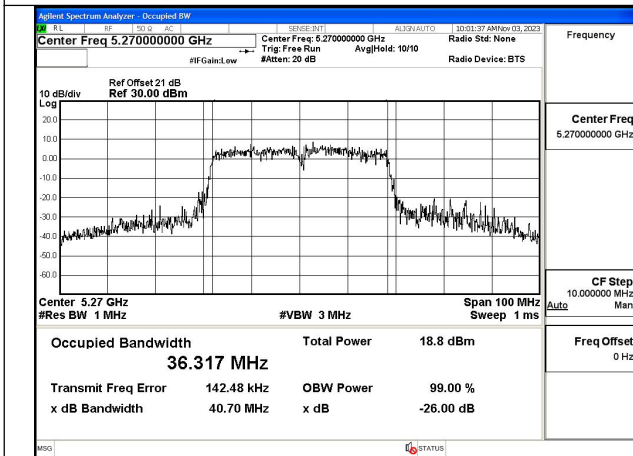
Test Mode: 802.11ac VHT40



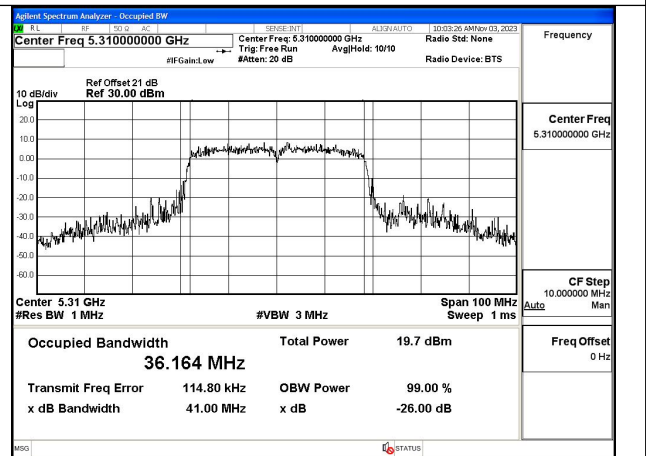
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain0

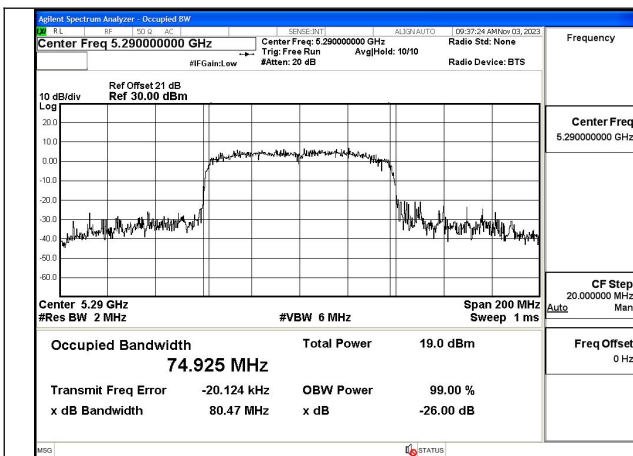


Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain1

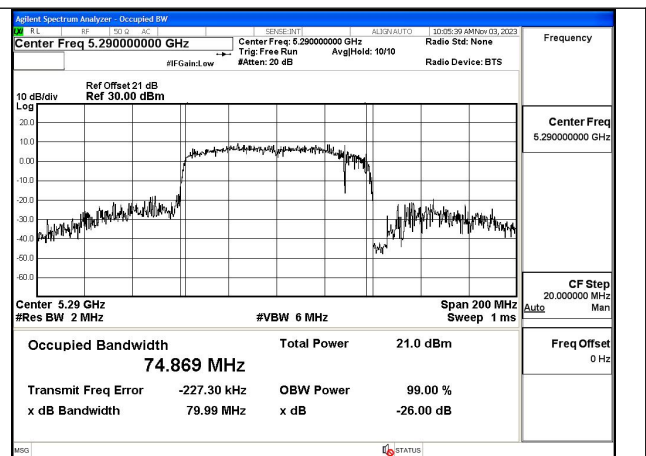


Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5290MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5290MHz
Ant:Chain1

Occupied Bandwidth

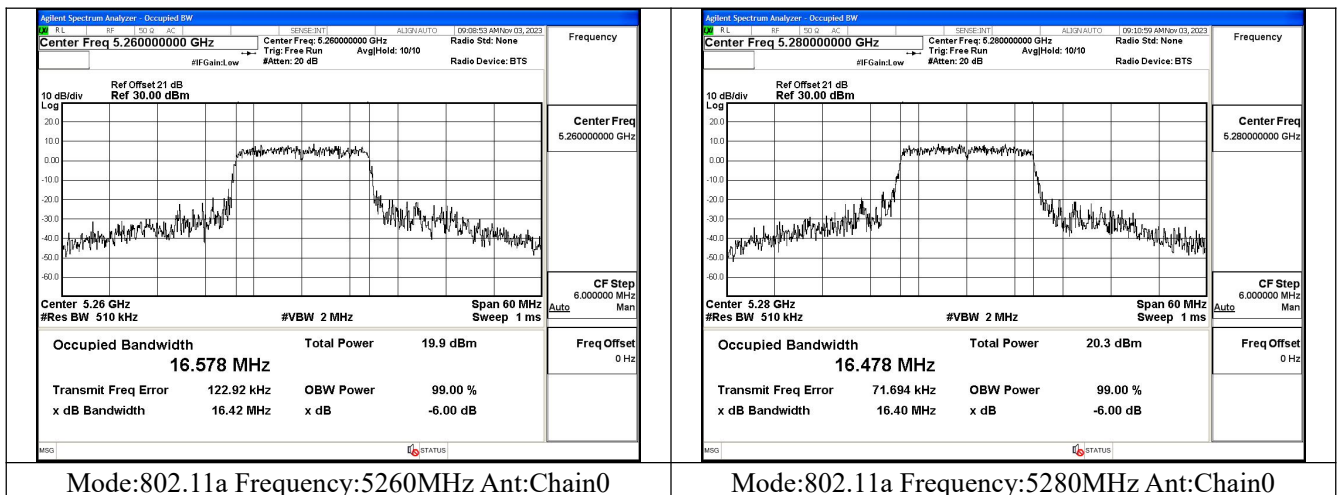
Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|----------------|---------|--------------------------|---------|---------|
| | | 5260MHz | 5280MHz | 5320MHz |
| 802.11a | Chain0 | 16.578 | 16.478 | 16.526 |
| 802.11a | Chain1 | 16.492 | 16.612 | 16.520 |
| 802.11n HT20 | Chain0 | 17.717 | 17.727 | 17.663 |
| 802.11n HT20 | Chain1 | 17.688 | 17.702 | 17.660 |
| 802.11ac VHT20 | Chain0 | 17.724 | 17.731 | 17.668 |
| 802.11ac VHT20 | Chain1 | 17.734 | 17.709 | 17.715 |

| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|----------------|---------|--------------------------|-----|---------|
| | | 5270MHz | --- | 5310MHz |
| 802.11n HT40 | Chain0 | 36.184 | --- | 36.403 |
| 802.11n HT40 | Chain1 | 36.187 | --- | 36.278 |
| 802.11ac VHT40 | Chain0 | 36.191 | --- | 36.213 |
| 802.11ac VHT40 | Chain1 | 36.129 | --- | 36.181 |

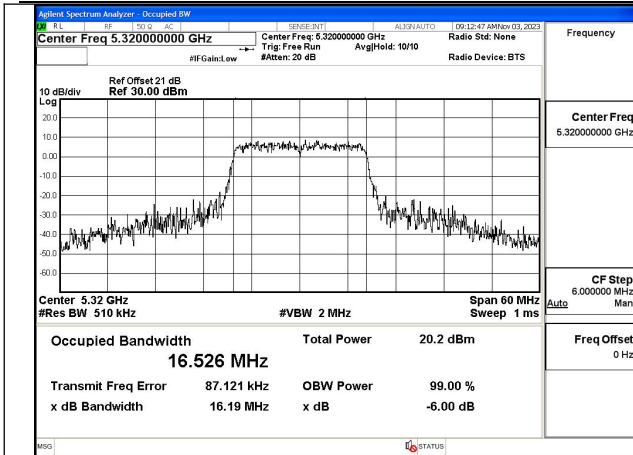
| Test Mode | Antenna | Occupied Bandwidth (MHz) | | |
|----------------|---------|--------------------------|-----|-----|
| | | 5290MHz | --- | --- |
| 802.11ac VHT80 | Chain0 | 75.072 | --- | --- |
| 802.11ac VHT80 | Chain1 | 75.623 | --- | --- |

Test Mode: 802.11a

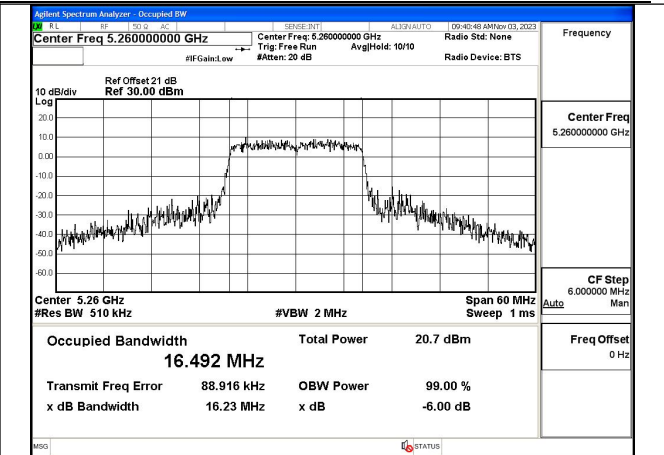


Mode:802.11a Frequency:5260MHz Ant:Chain0

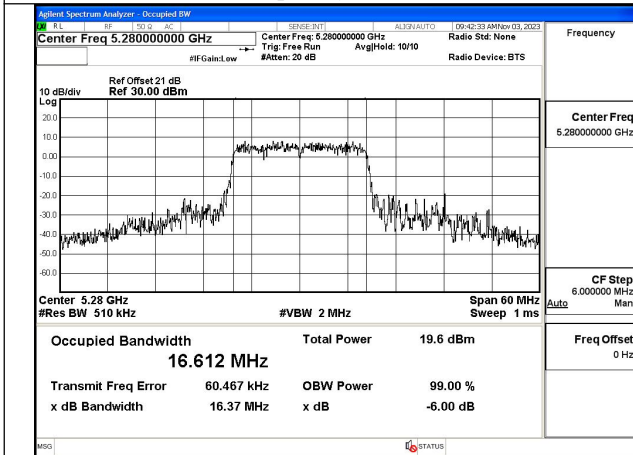
Mode:802.11a Frequency:5280MHz Ant:Chain0



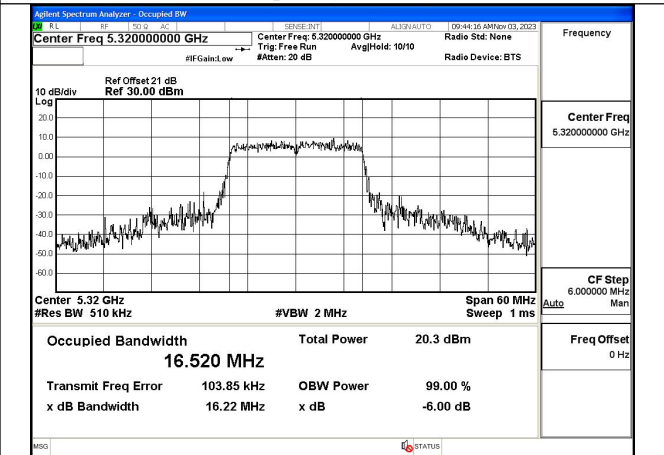
Mode:802.11a Frequency:5320MHz Ant:Chain0



Mode:802.11a Frequency:5260MHz Ant:Chain1

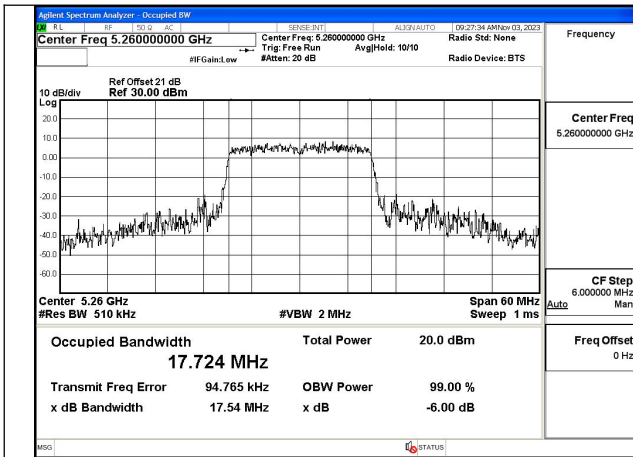


Mode:802.11a Frequency:5280MHz Ant:Chain1

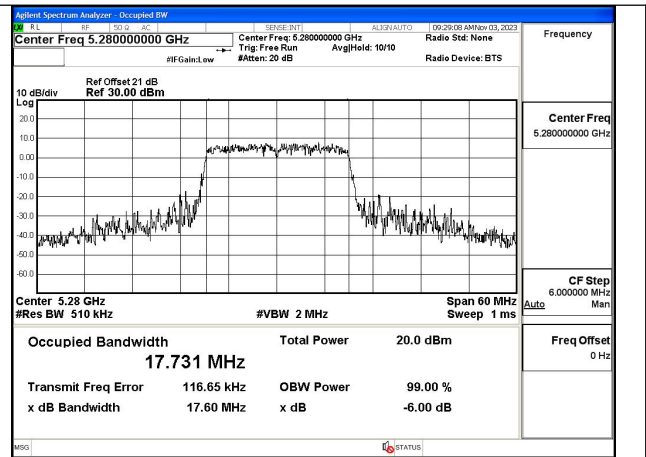


Mode:802.11a Frequency:5320MHz Ant:Chain1

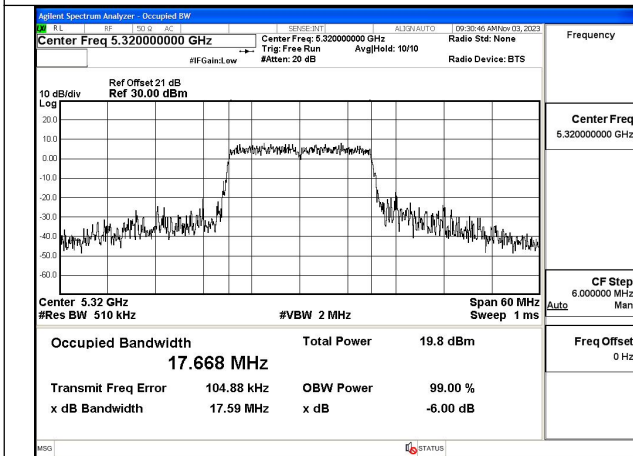
Test Mode: 802.11ac VHT20



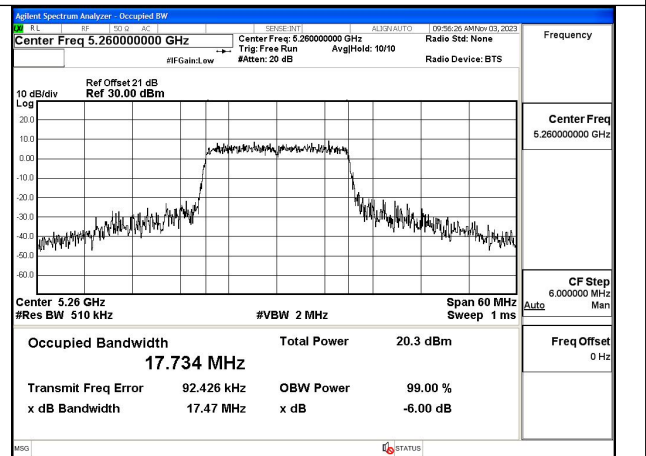
Mode:802.11ac VHT20 Frequency:5260MHz
Ant:Chain0



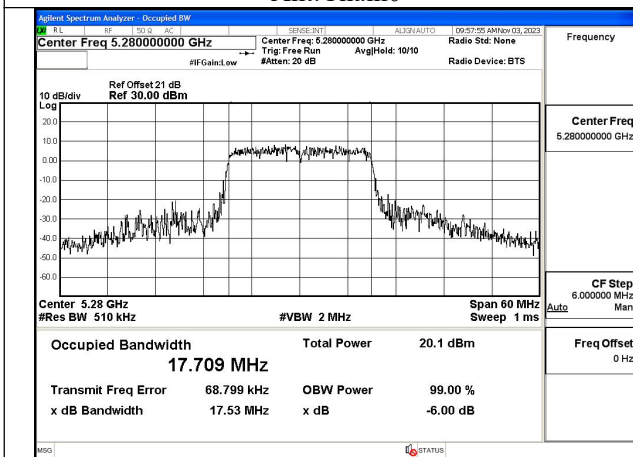
Mode:802.11ac VHT20 Frequency:5280MHz
Ant:Chain0



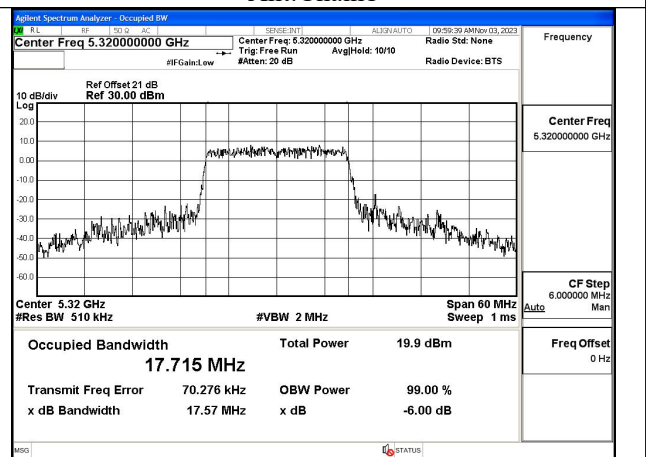
Mode:802.11ac VHT20 Frequency:5320MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5260MHz
Ant:Chain1

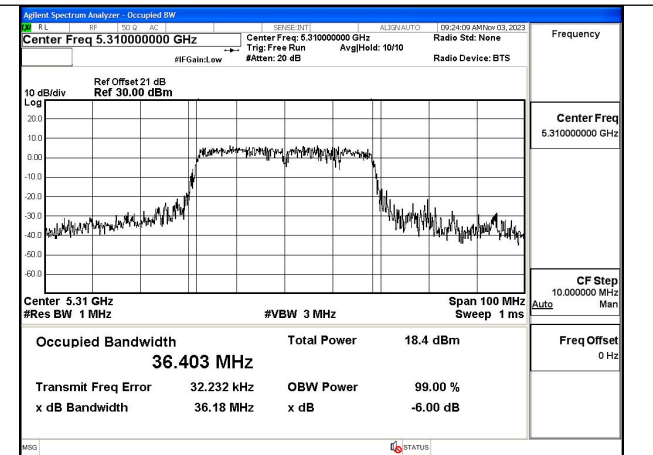
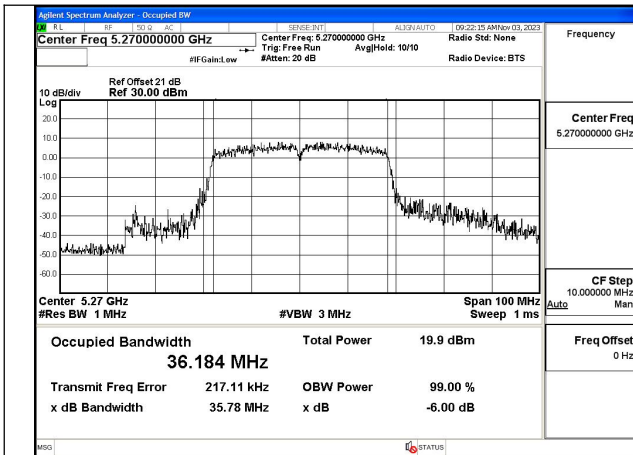


Mode:802.11ac VHT20 Frequency:5280MHz
Ant:Chain1



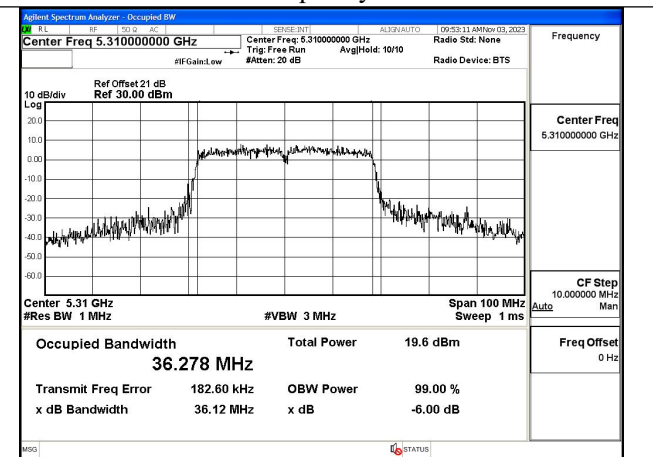
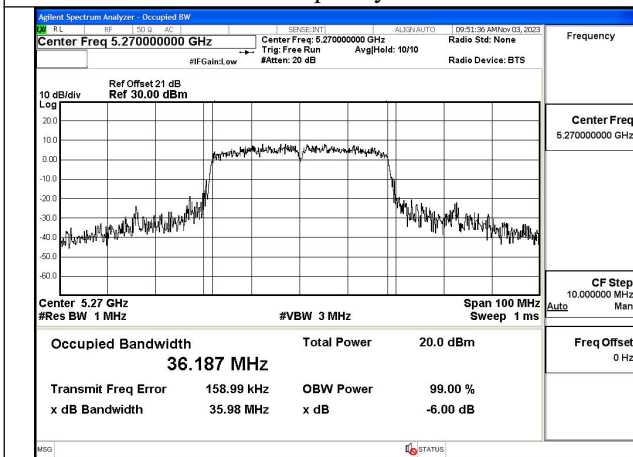
Mode:802.11ac VHT20 Frequency:5320MHz
Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5270MHz Ant:Chain0

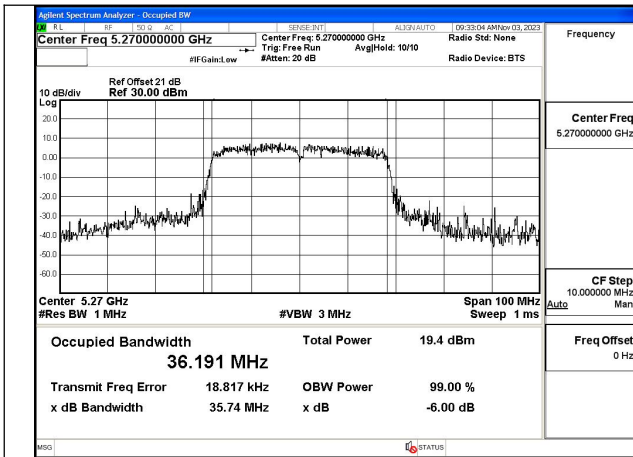
Mode:802.11n HT40 Frequency:5310MHz Ant:Chain0



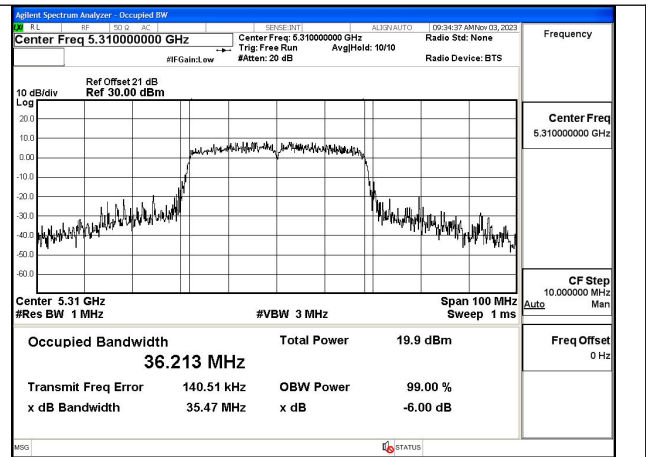
Mode:802.11n HT40 Frequency:5270MHz Ant:Chain1

Mode:802.11n HT40 Frequency:5310MHz Ant:Chain1

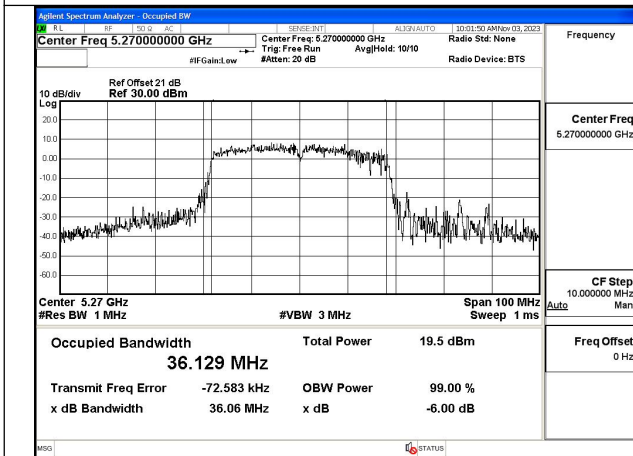
Test Mode: 802.11ac VHT40



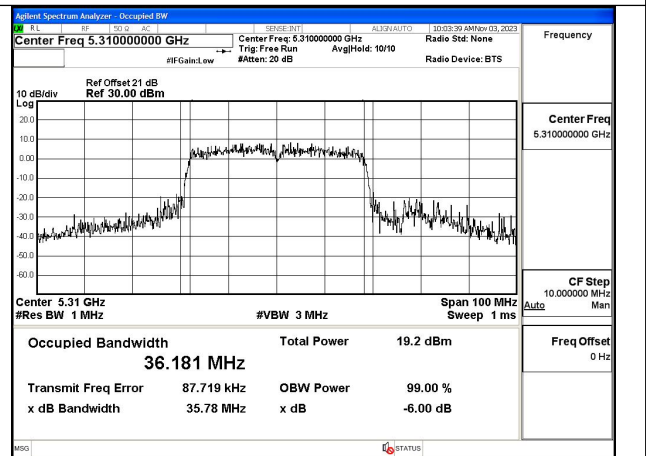
Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain0

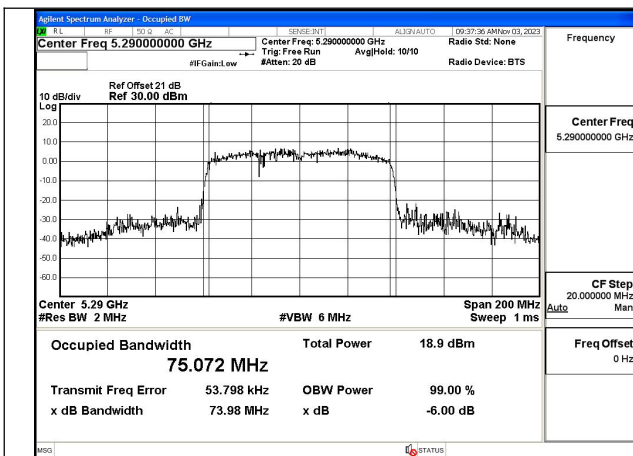


Mode:802.11ac VHT40 Frequency:5270MHz
Ant:Chain1

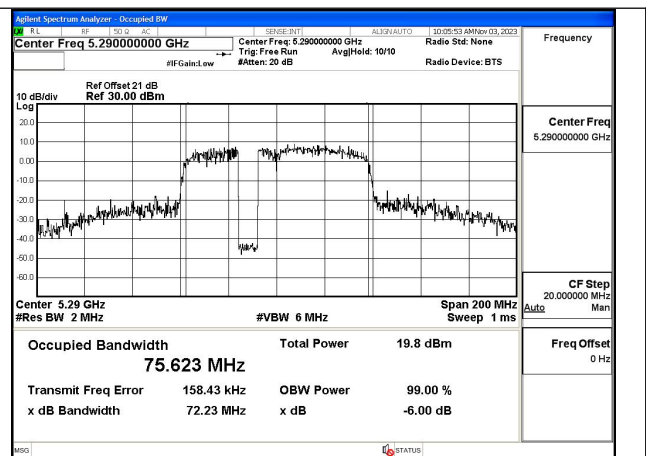


Mode:802.11ac VHT40 Frequency:5310MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5290MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5290MHz
Ant:Chain1

Transmitter Power Spectral Density

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

| Test Mode | Antenna | Tones | 5260MHz | | 5280MHz | | 5320MHz | |
|----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | 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 | 4.838 | 0 | 4.858 | 0 | 4.520 |
| 802.11a | Chain1 | NA | 0 | 5.046 | 0 | 4.816 | 0 | 4.780 |
| 802.11n HT20 | Chain0 | NA | 0 | 4.727 | 0 | 4.326 | 0 | 4.309 |
| 802.11n HT20 | Chain1 | NA | 0 | 4.882 | 0 | 4.816 | 0 | 4.765 |
| 802.11n HT20 | MIMO | NA | 0 | 7.815 | 0 | 7.588 | 0 | 7.553 |
| 802.11ac VHT20 | Chain0 | NA | 0 | 4.142 | 0 | 4.156 | 0 | 4.035 |
| 802.11ac VHT20 | Chain1 | NA | 0 | 4.516 | 0 | 4.560 | 0 | 4.254 |
| 802.11ac VHT20 | MIMO | NA | 0 | 7.343 | 0 | 7.373 | 0 | 7.156 |

| Test Mode | Antenna | Tones | 5270MHz | | --- | | 5310MHz | |
|----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | 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 | 1.090 | --- | --- | 0 | 0.848 |
| 802.11n HT40 | Chain1 | NA | 0 | 1.112 | --- | --- | 0 | 1.141 |
| 802.11n HT40 | MIMO | NA | 0 | 4.111 | --- | --- | 0 | 4.007 |
| 802.11ac VHT40 | Chain0 | NA | 0 | 0.939 | --- | --- | 0 | 0.440 |
| 802.11ac VHT40 | Chain1 | NA | 0 | 1.042 | --- | --- | 0 | 0.712 |
| 802.11ac VHT40 | MIMO | NA | 0 | 4.001 | --- | --- | 0 | 3.588 |

| Test Mode | Antenna | Tones | 5290MHz | | --- | | --- | |
|----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | 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 | -3.657 | --- | --- | --- | --- |
| 802.11ac VHT80 | Chain1 | NA | 0 | -2.081 | --- | --- | --- | --- |
| 802.11ac VHT80 | MIMO | NA | 0 | 0.212 | --- | --- | --- | --- |