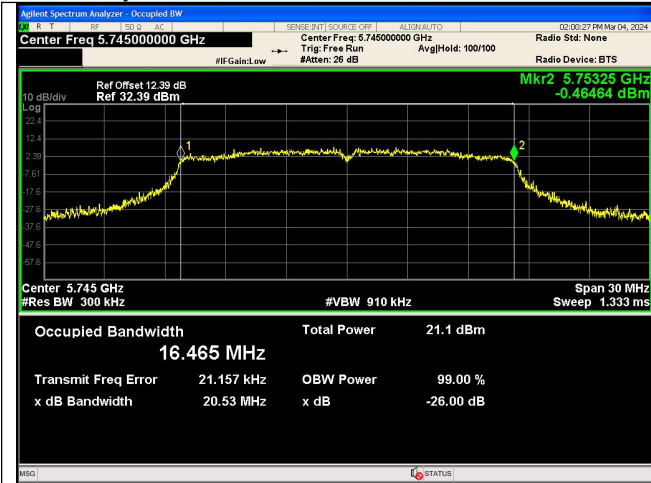


APPENDIX III.99% Bandwidth

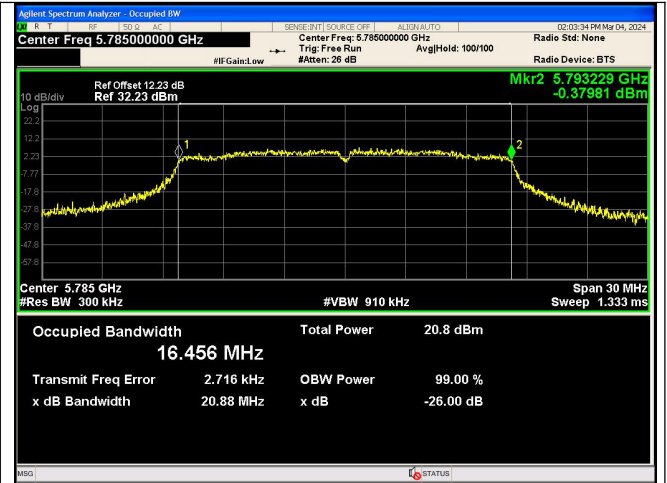
Antenna 1: Test Result

| Mode | Channel | Ant. | 99% BW (MHz) |
|------------------|---------|--------|--------------|
| IEEE 802.11a | 149 | 0 | 16.465 |
| | 157 | | 16.456 |
| | 165 | | 16.471 |
| IEEE 802.11n_20 | 149 | | 17.631 |
| | 157 | | 17.627 |
| | 165 | | 17.647 |
| IEEE 802.11n_40 | 151 | | 35.970 |
| | 159 | | 36.004 |
| IEEE 802.11ac_20 | 149 | | 17.617 |
| | 165 | | 17.677 |
| IEEE 802.11ac_40 | 151 | | 17.657 |
| | 159 | | 35.991 |
| IEEE 802.11ac_80 | 151 | 36.043 | |
| | 155 | 75.408 | |

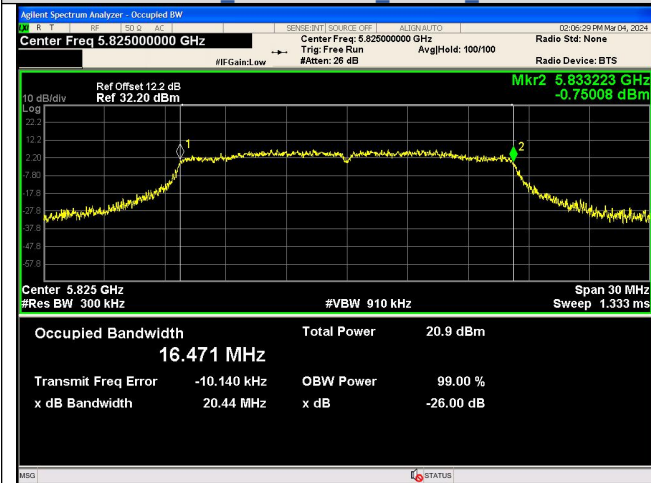
Test Graphs



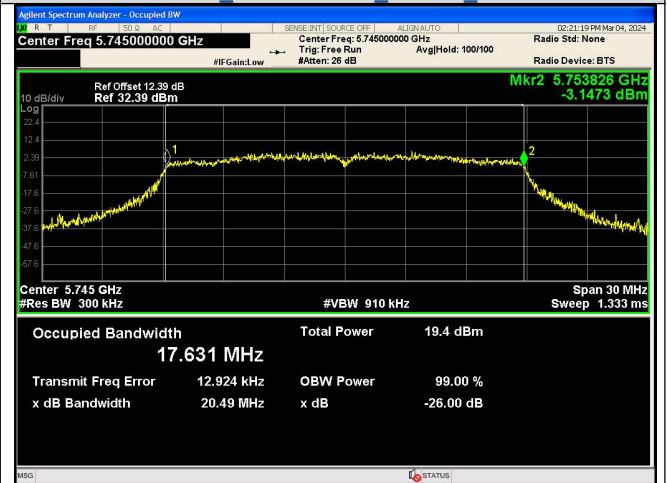
IEEE 802.11a Channel 149 20MHz Antenna 0



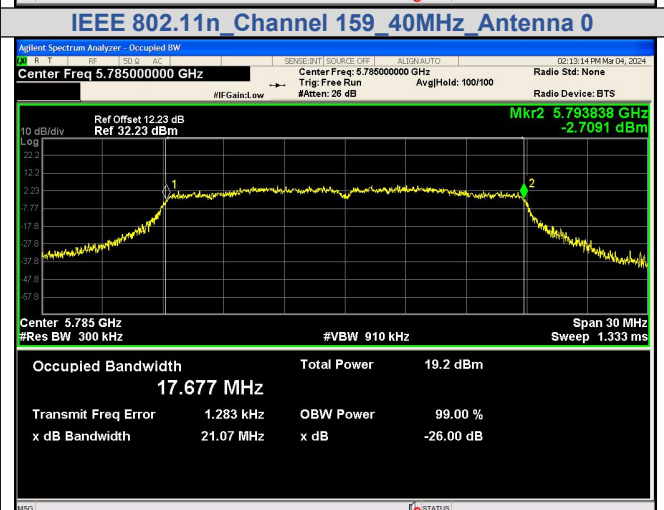
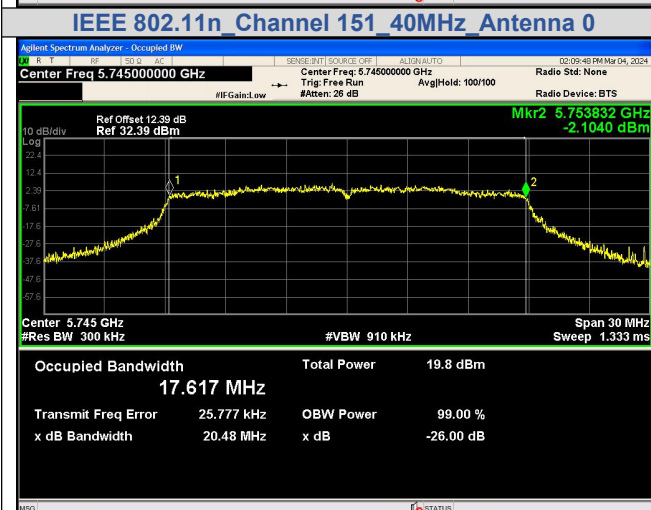
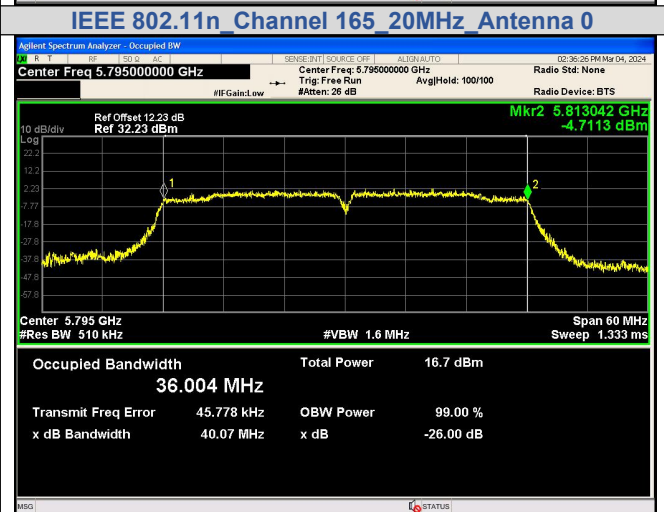
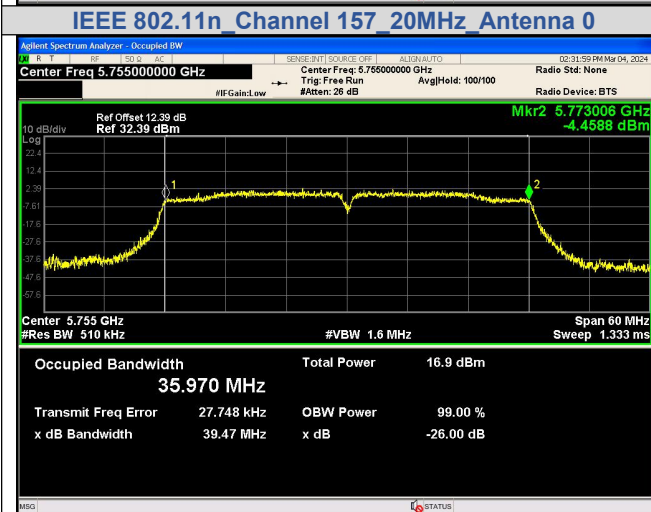
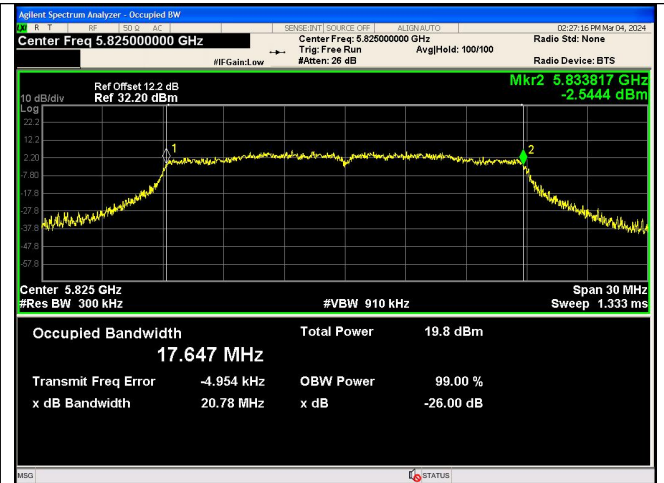
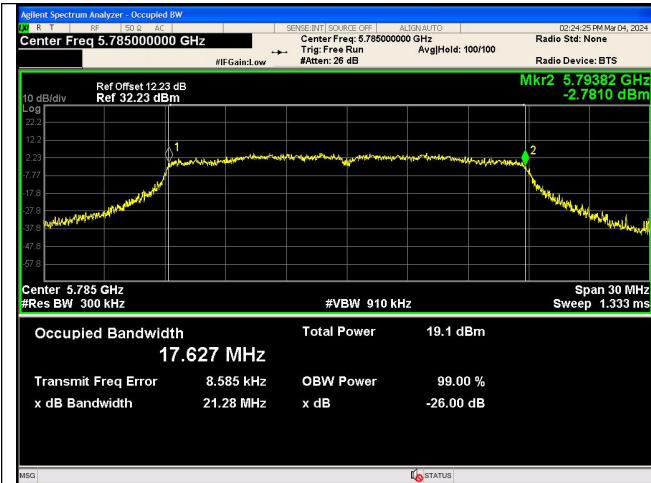
IEEE 802.11a Channel 157 20MHz Antenna 0



IEEE 802.11a Channel 165 20MHz Antenna 0

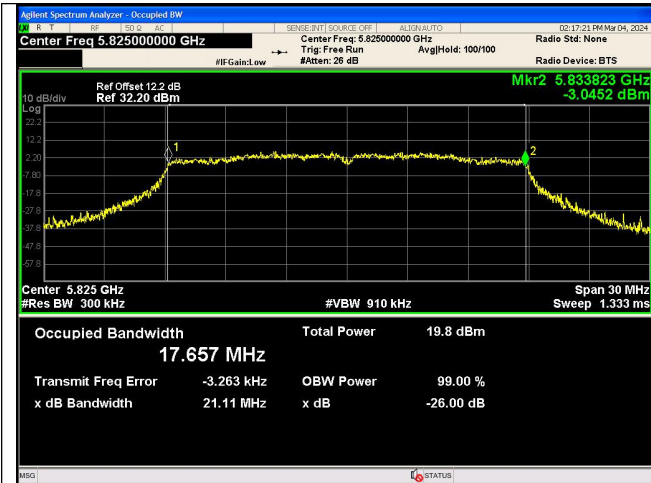


IEEE 802.11n Channel 149 20MHz Antenna 0

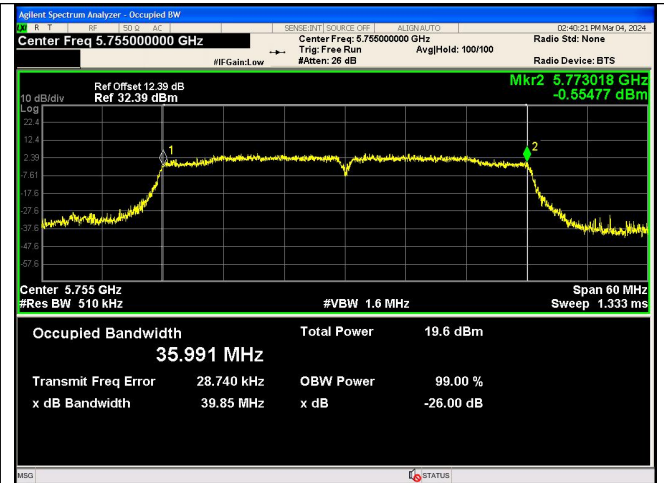


IEEE 802.11ac Channel 149 20MHz Antenna 0

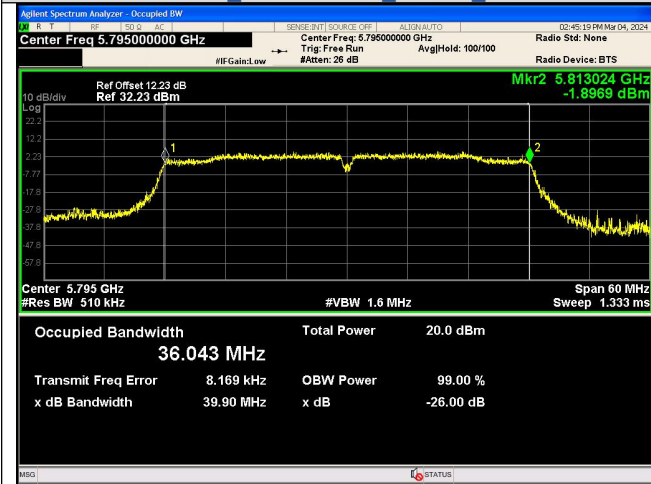
IEEE 802.11ac Channel 157 20MHz Antenna 0



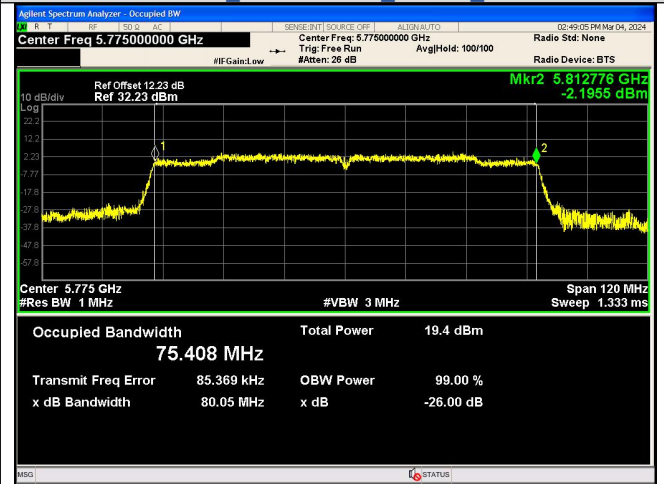
IEEE 802.11ac Channel 165 20MHz Antenna 0



IEEE 802.11ac Channel 151 40MHz Antenna 0



IEEE 802.11ac Channel 159 40MHz Antenna 0

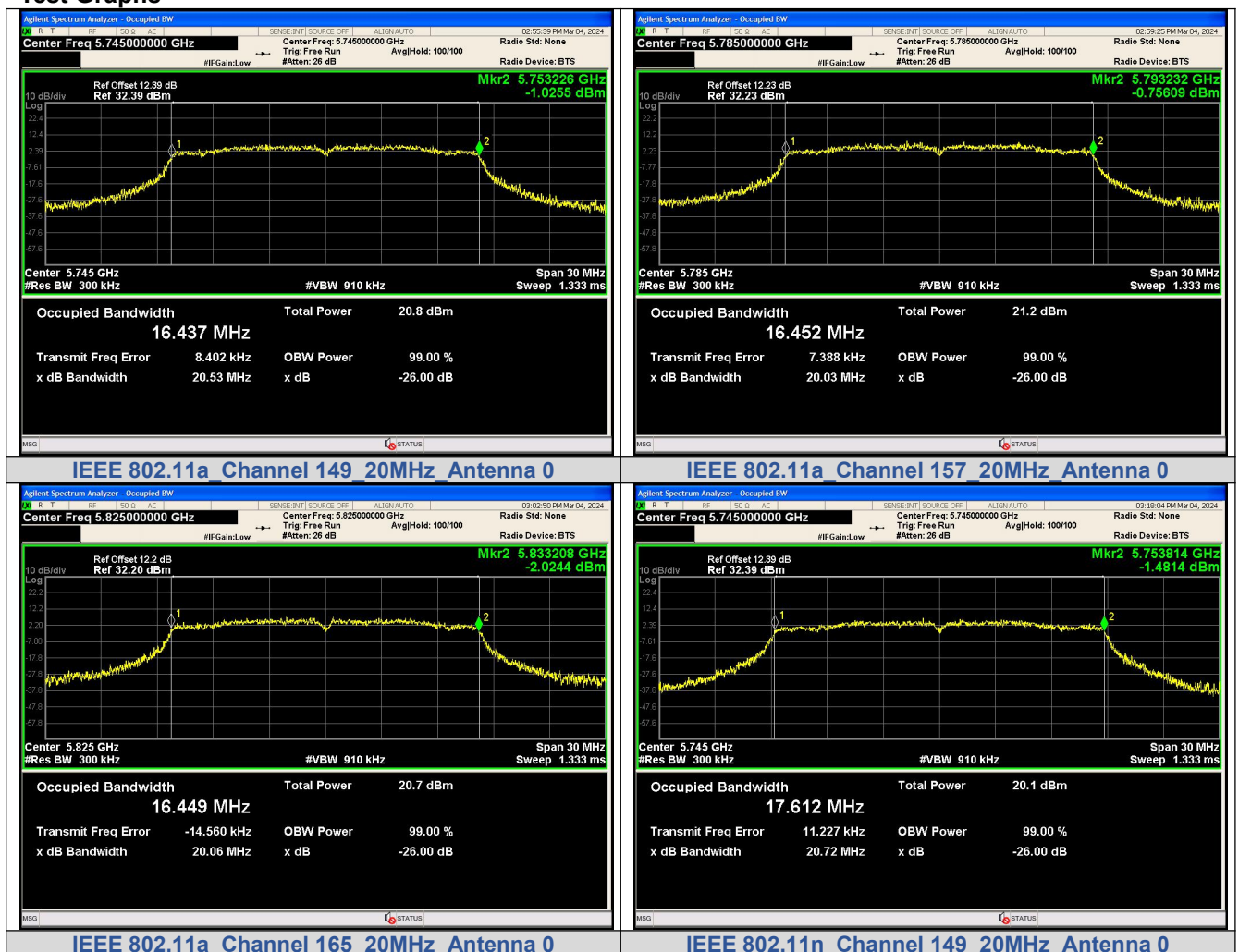


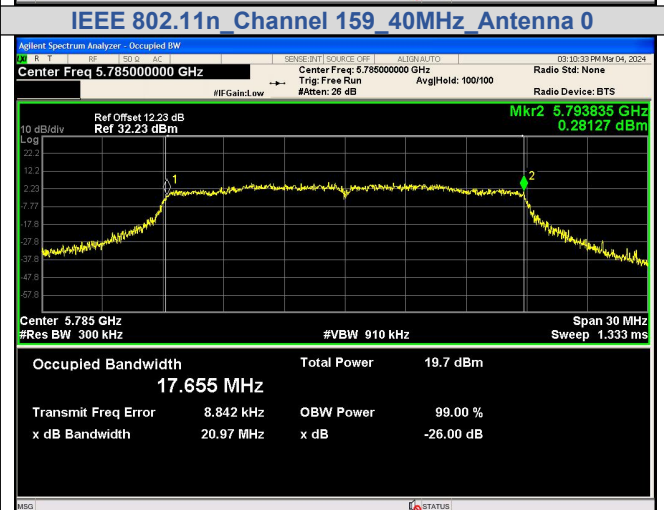
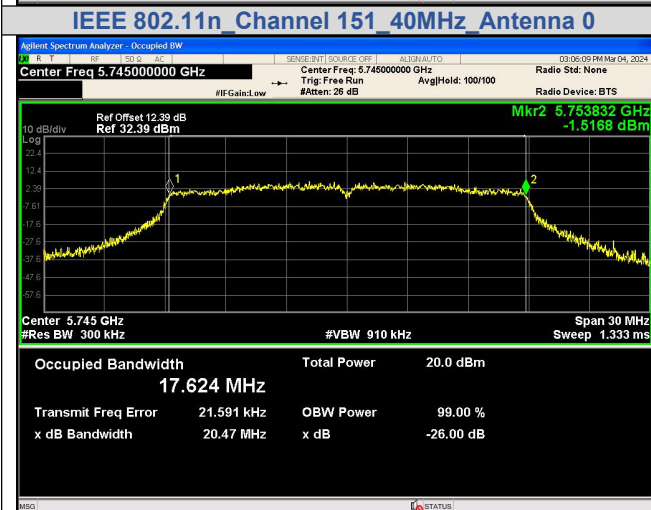
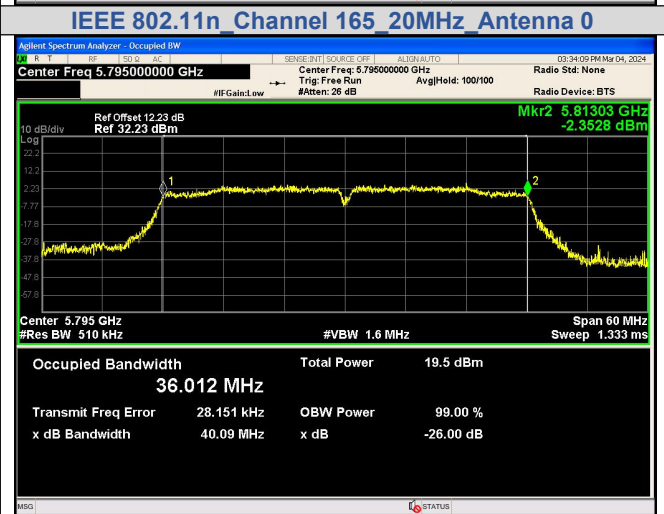
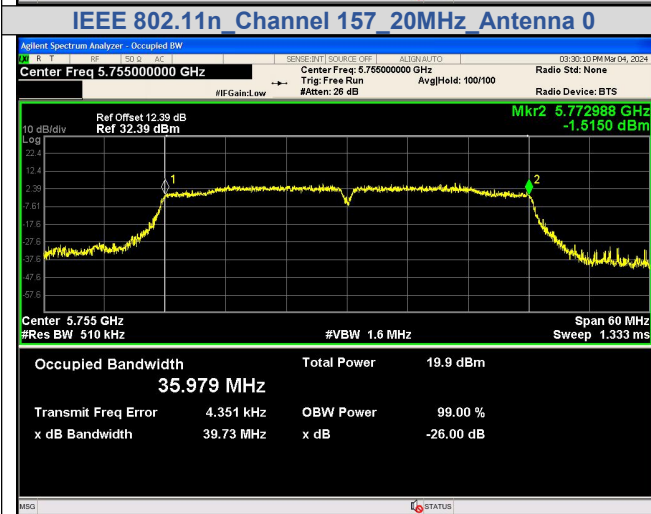
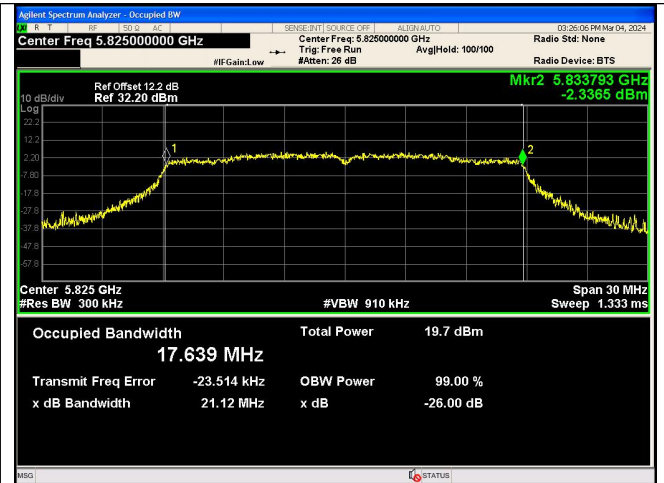
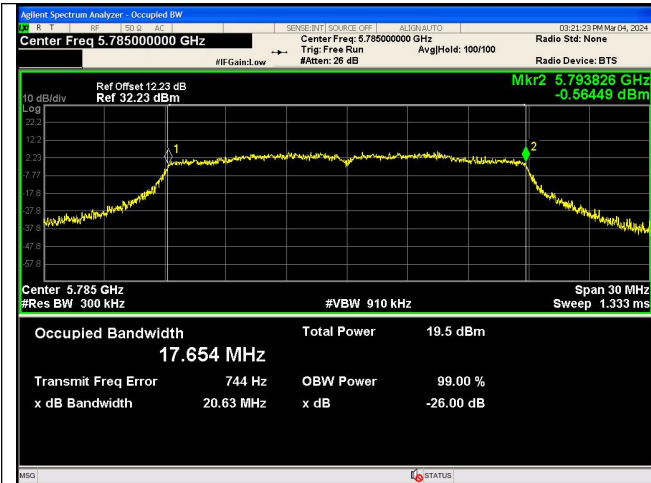
IEEE 802.11ac Channel 155 80MHz Antenna 0

**Antenna 2:
Test Result**

| Mode | Channel | Ant. | 99% BW (MHz) |
|------------------|---------|--------|--------------|
| IEEE 802.11a | 149 | 0 | 16.437 |
| | 157 | | 16.452 |
| | 165 | | 16.449 |
| IEEE 802.11n_20 | 149 | | 17.612 |
| | 157 | | 17.654 |
| | 165 | | 17.639 |
| IEEE 802.11n_40 | 151 | | 35.979 |
| | 159 | | 36.012 |
| IEEE 802.11ac_20 | 149 | | 17.624 |
| | 157 | | 17.655 |
| | 165 | | 17.663 |
| IEEE 802.11ac_40 | 151 | | 35.939 |
| | 159 | 36.010 | |
| IEEE 802.11ac_80 | 155 | 75.332 | |

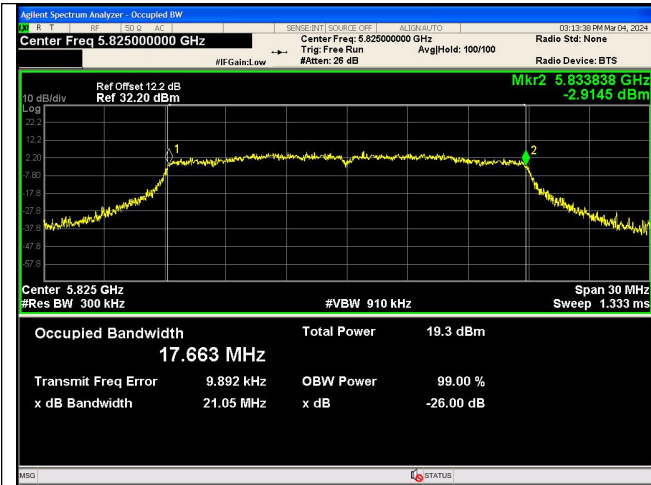
Test Graphs



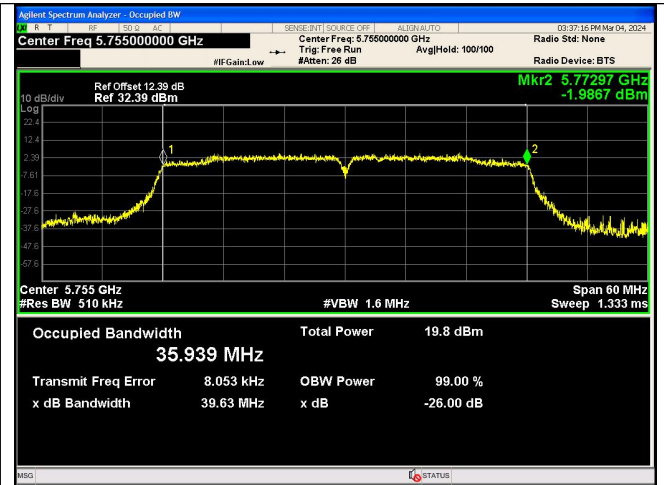


IEEE 802.11ac Channel 149 20MHz Antenna 0

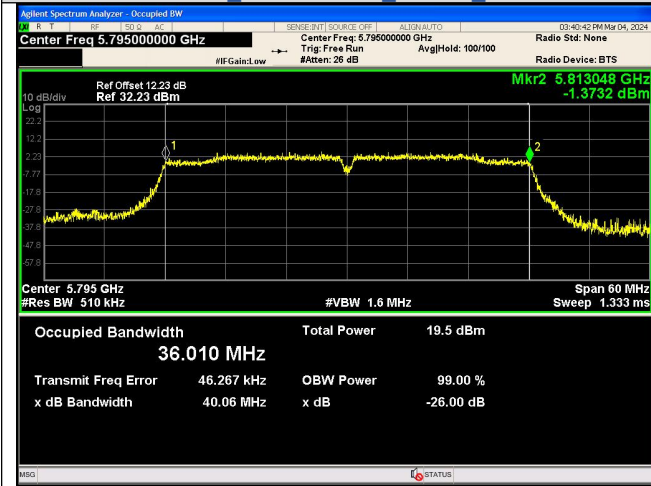
IEEE 802.11ac Channel 157 20MHz Antenna 0



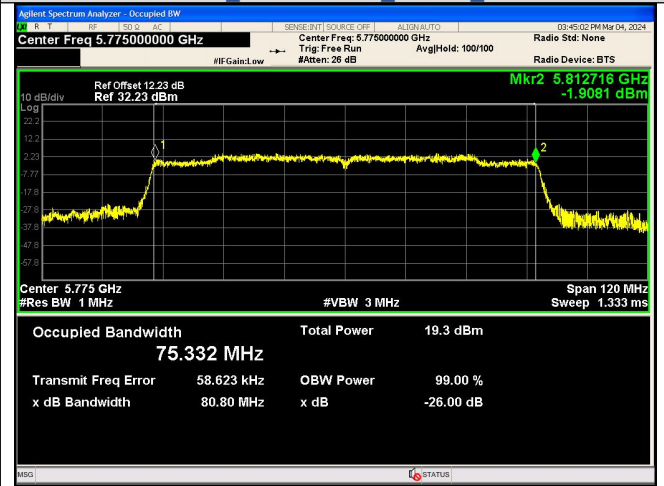
IEEE 802.11ac Channel 165 20MHz Antenna 0



IEEE 802.11ac Channel 151 40MHz Antenna 0



IEEE 802.11ac Channel 159 40MHz Antenna 0



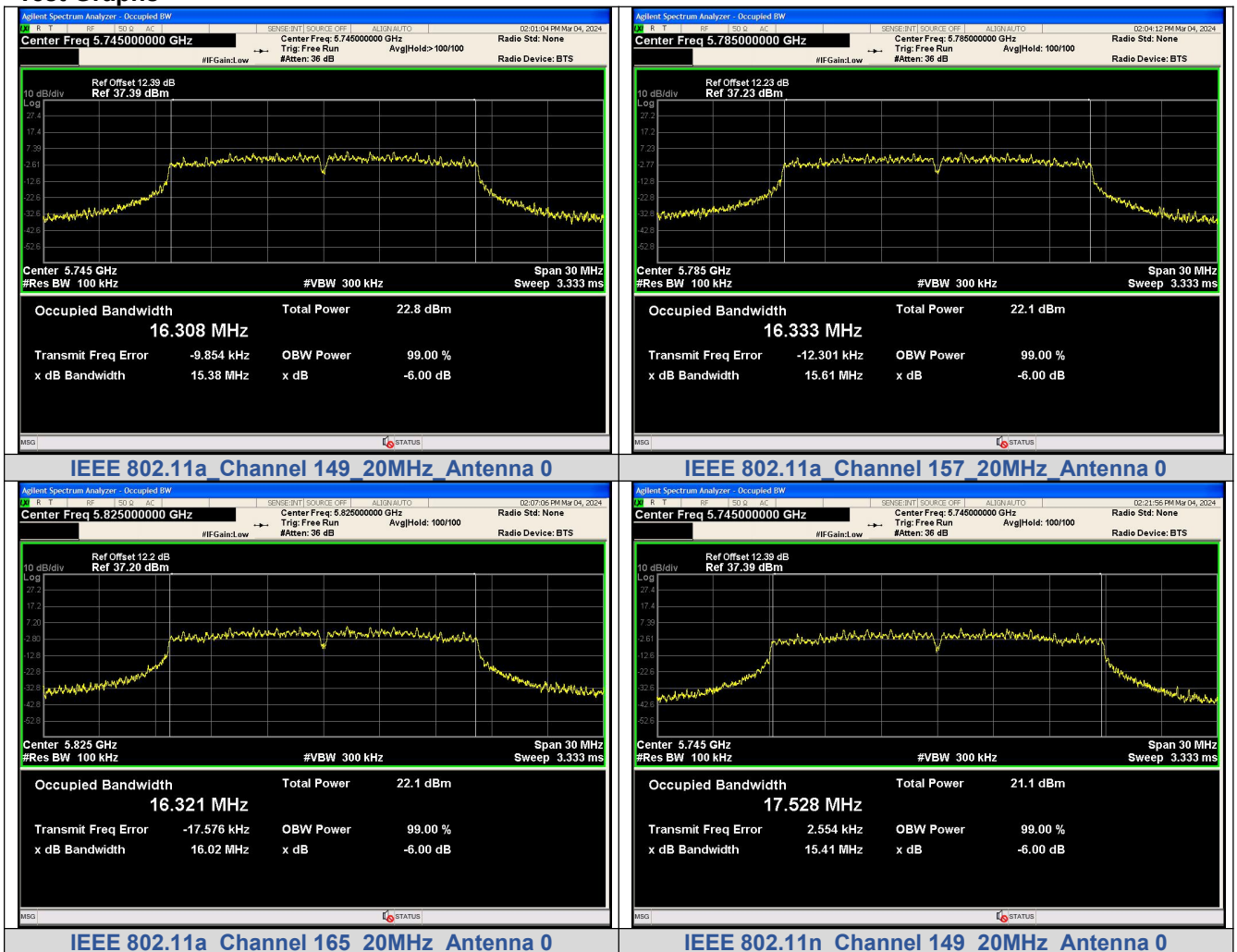
IEEE 802.11ac Channel 155 80MHz Antenna 0

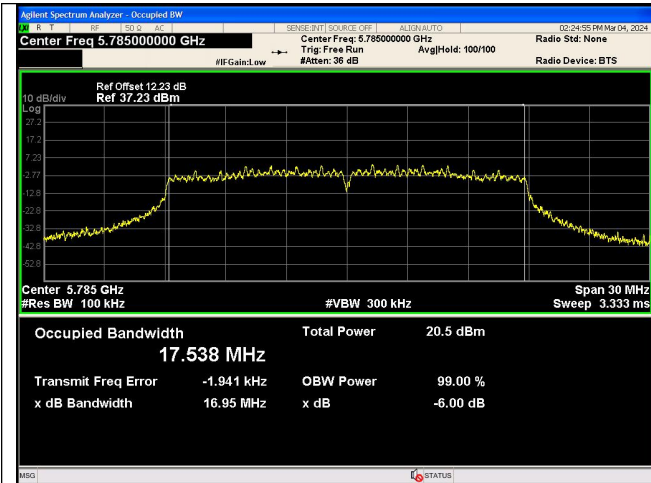
APPENDIX IV.6dB Bandwidth

Antenna 1: Test Result

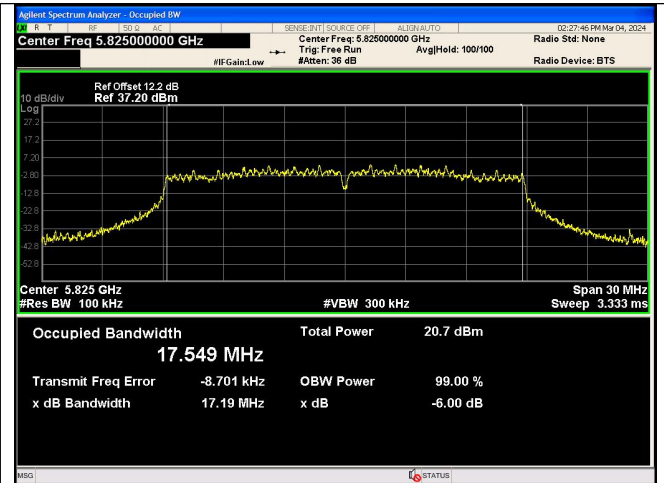
| Mode | Channel | Ant. | Center Frequency (MHz) | 6 dB Bandwidth (MHz) | Limit (MHz) | Result |
|------------------|---------|------|------------------------|----------------------|-------------|--------|
| IEEE 802.11a | 149 | 0 | 5745 | 15.38 | 0.5 | PASS |
| | 157 | | 5785 | 15.61 | | PASS |
| | 165 | | 5825 | 16.02 | | PASS |
| IEEE 802.11n_20 | 149 | | 5745 | 15.41 | | PASS |
| | 157 | | 5785 | 16.95 | | PASS |
| | 165 | | 5825 | 17.19 | | PASS |
| IEEE 802.11n_40 | 151 | | 5755 | 35.40 | | PASS |
| | 159 | | 5795 | 35.12 | | PASS |
| IEEE 802.11ac_20 | 149 | | 5745 | 16.57 | | PASS |
| | 157 | | 5785 | 16.88 | | PASS |
| | 165 | | 5825 | 16.84 | | PASS |
| IEEE 802.11ac_40 | 151 | | 5755 | 35.12 | | PASS |
| | 159 | 5795 | 35.12 | PASS | | |
| IEEE 802.11ac_80 | 155 | 5775 | 75.14 | PASS | | |

Test Graphs

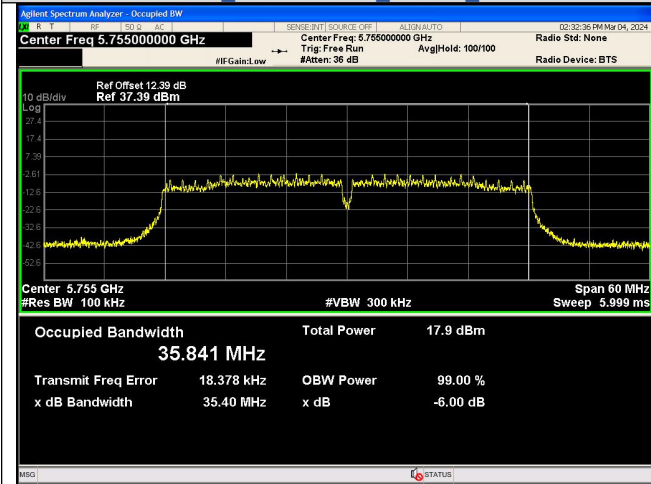




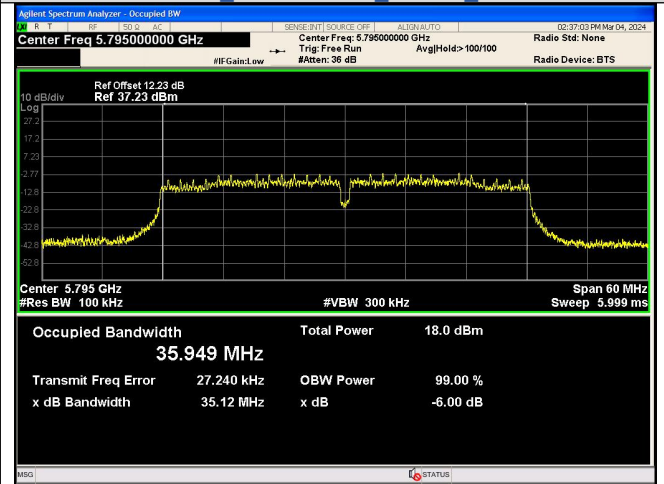
IEEE 802.11n Channel 157 20MHz Antenna 0



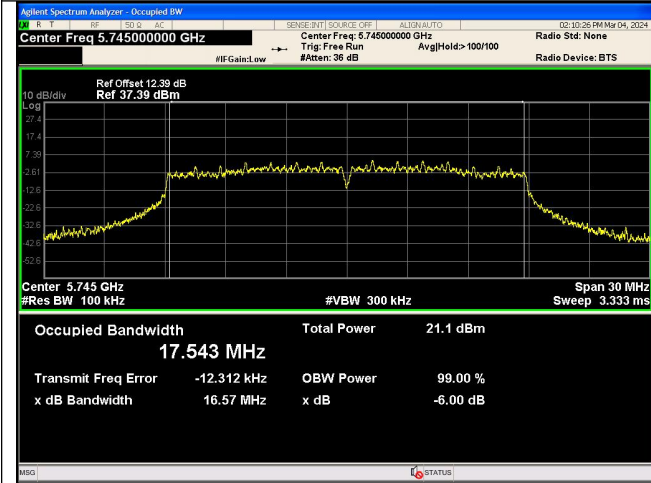
IEEE 802.11n Channel 165 20MHz Antenna 0



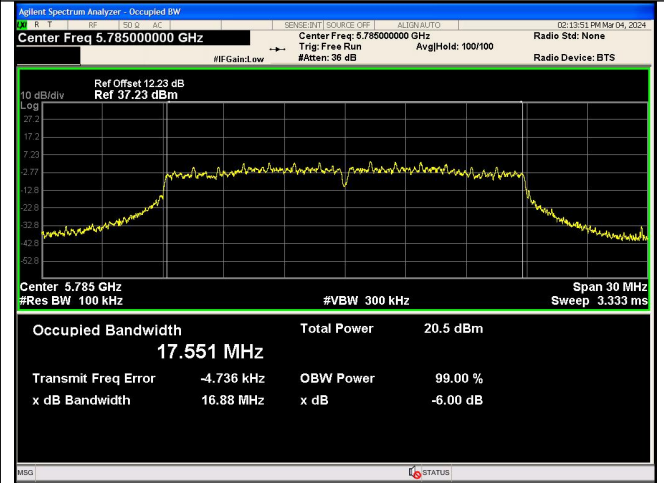
IEEE 802.11n Channel 151 40MHz Antenna 0



IEEE 802.11n Channel 159 40MHz Antenna 0



IEEE 802.11ac Channel 149 20MHz Antenna 0



IEEE 802.11ac Channel 157 20MHz Antenna 0