

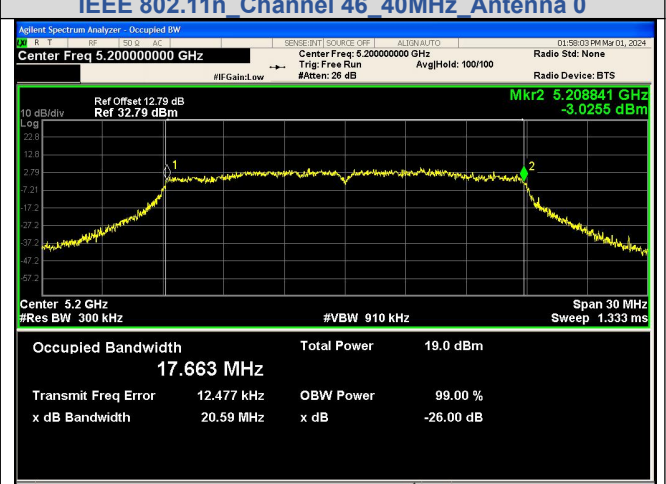
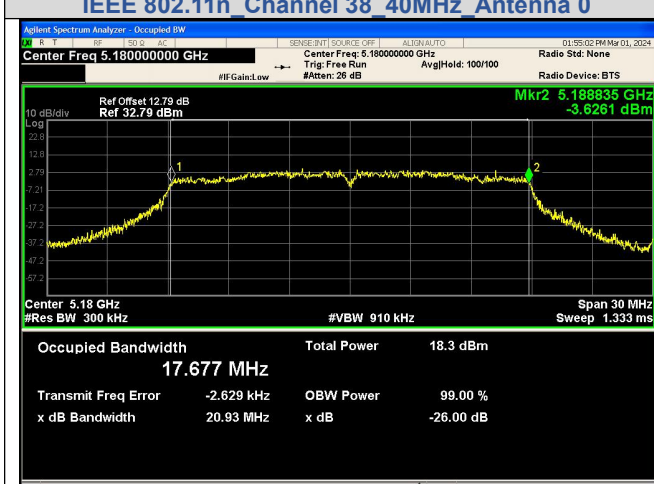
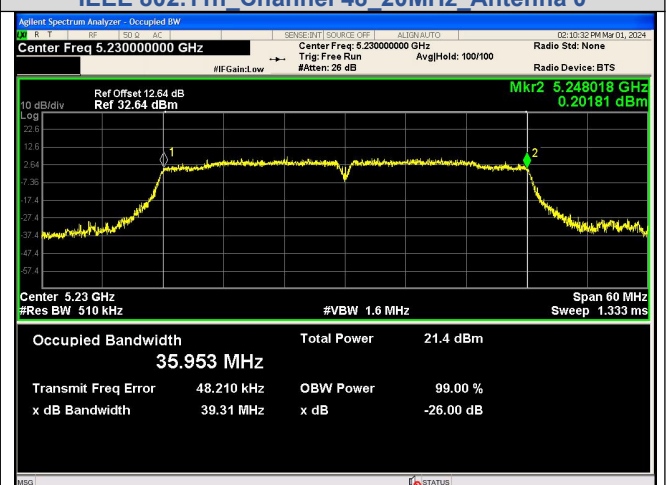
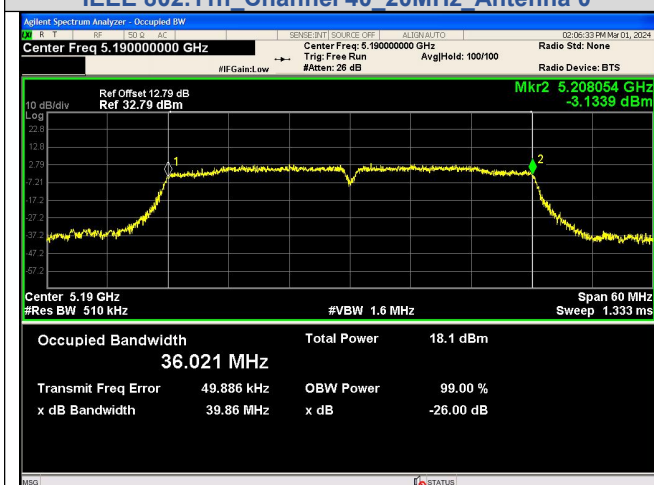
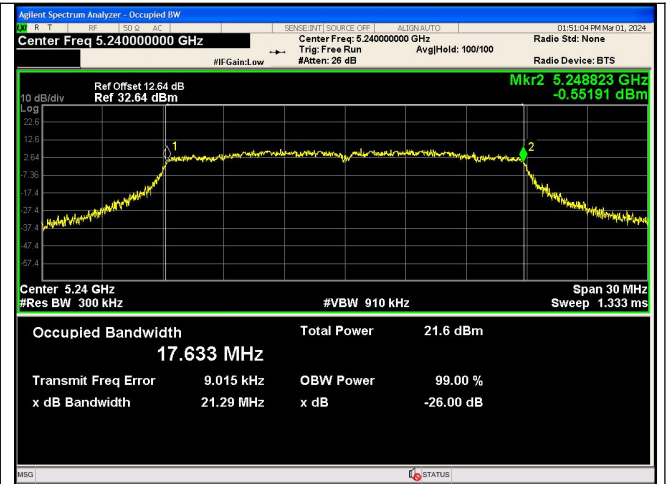
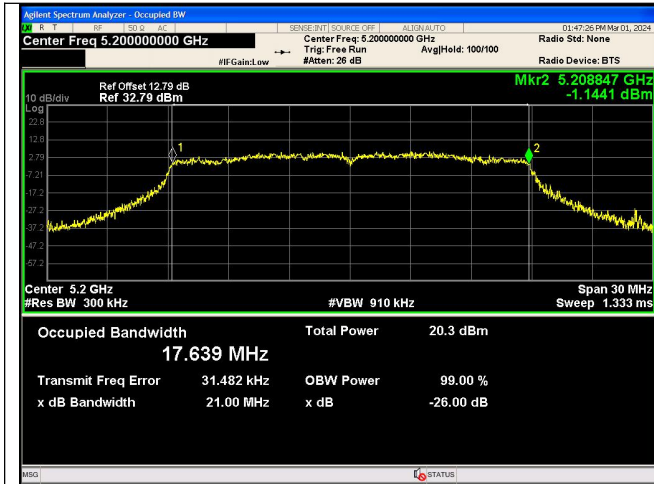
## APPENDIX III.99% Bandwidth

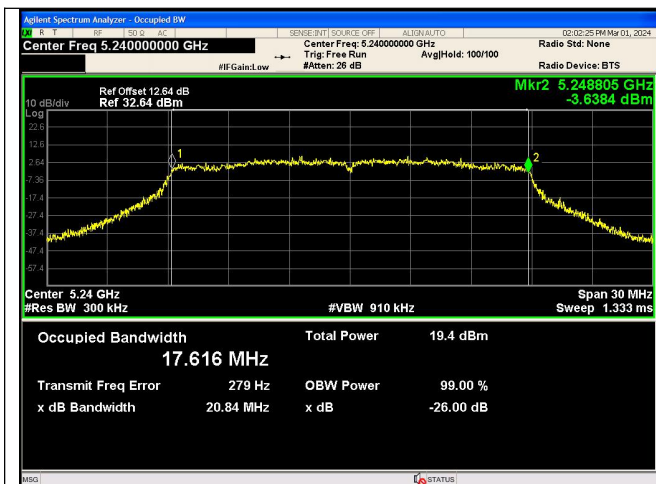
### Antenna 1: Test Result

Mode	Channel	Ant.	99% BW (MHz)
IEEE 802.11a	36	0	16.435
	40		16.450
	48		16.448
IEEE 802.11n_20	36		17.646
	40		17.639
IEEE 802.11n_40	48		17.633
	38		36.021
IEEE 802.11ac_20	46		35.953
	36		17.677
	40		17.663
IEEE 802.11ac_40	48		17.616
	38		36.025
	46	35.987	
IEEE 802.11ac_80	42	75.260	

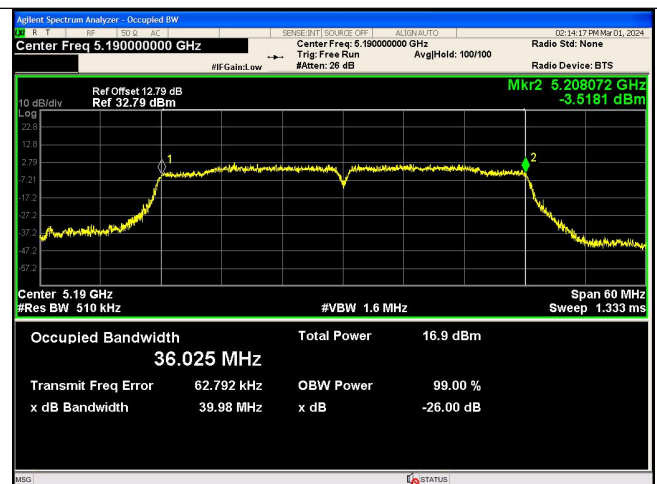
### Test Graphs



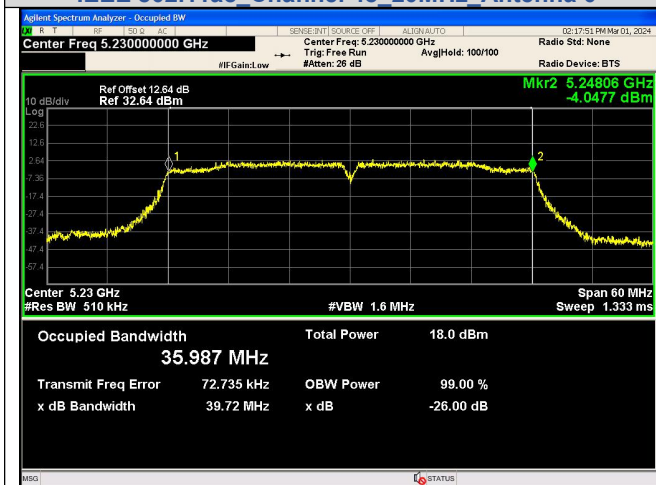




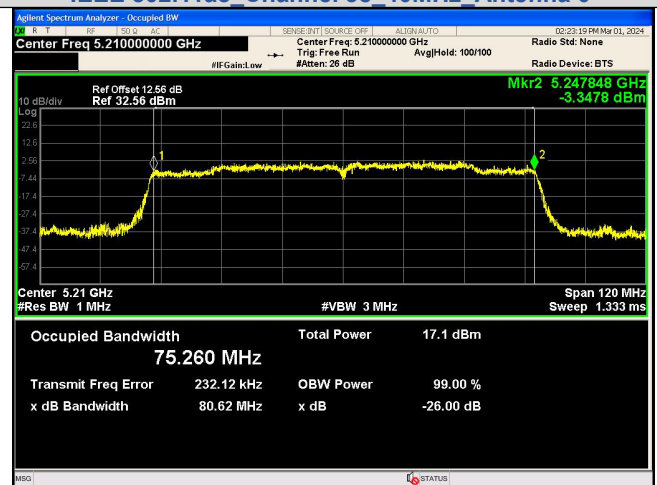
IEEE 802.11ac Channel 48 20MHz Antenna 0



IEEE 802.11ac Channel 38 40MHz Antenna 0



IEEE 802.11ac Channel 46 40MHz Antenna 0

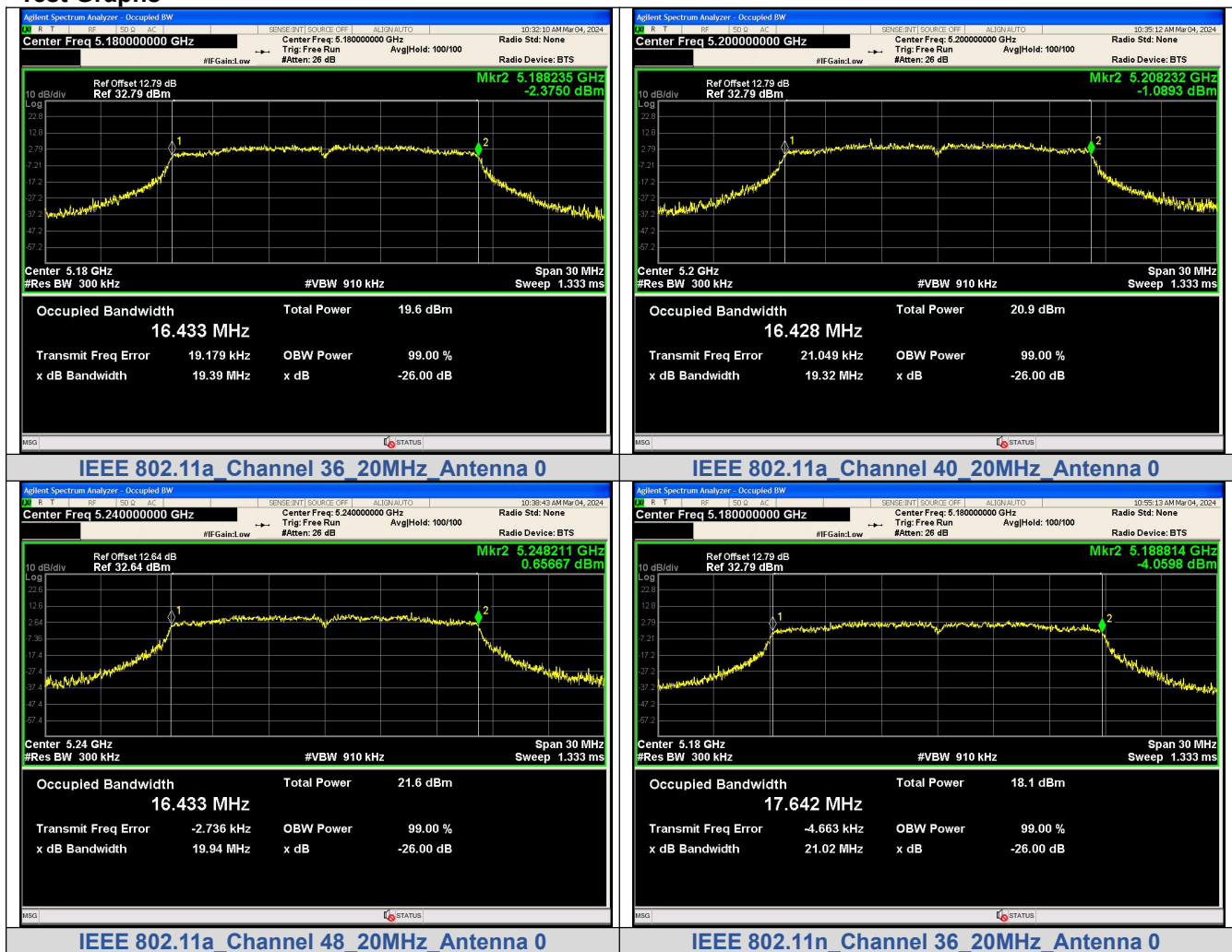


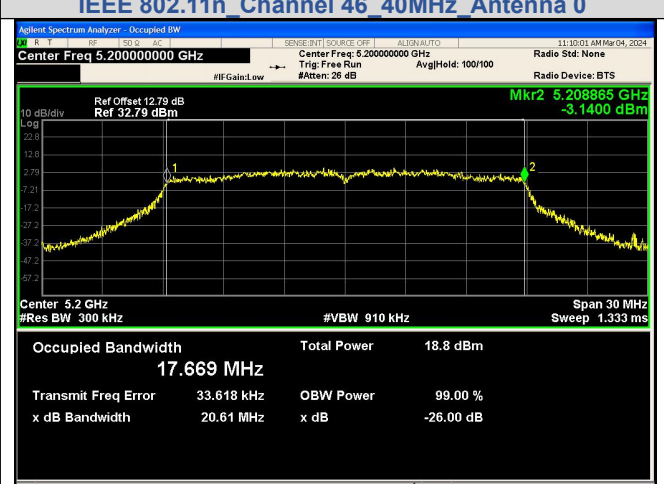
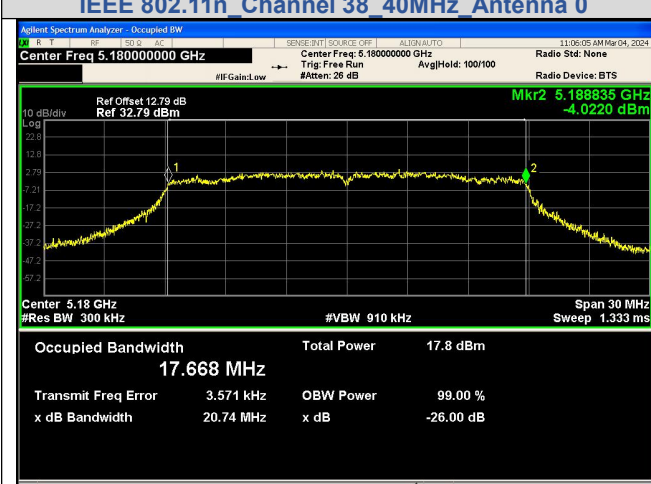
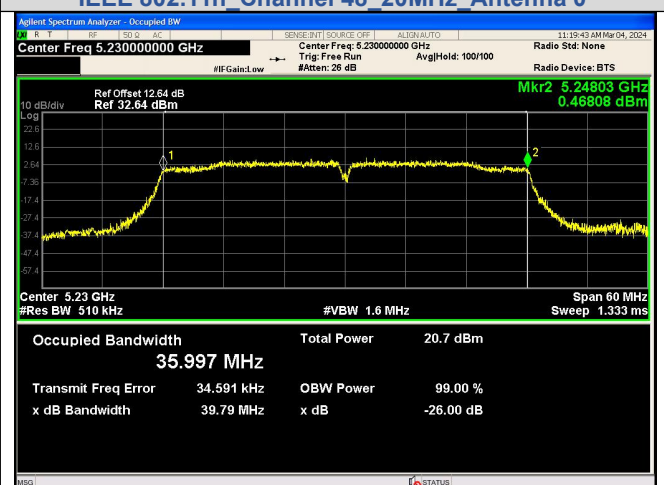
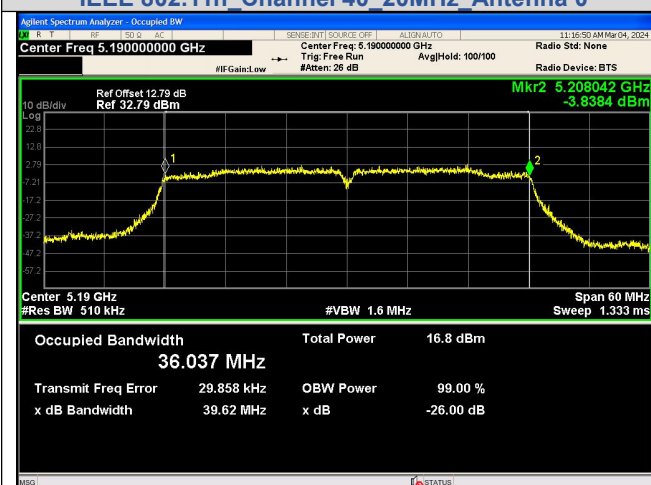
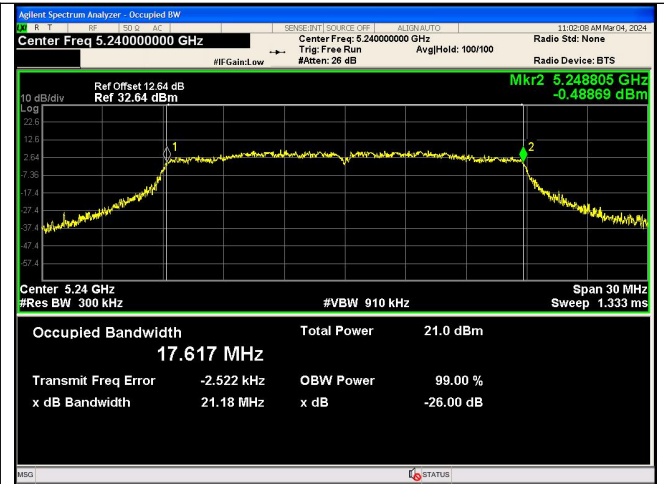
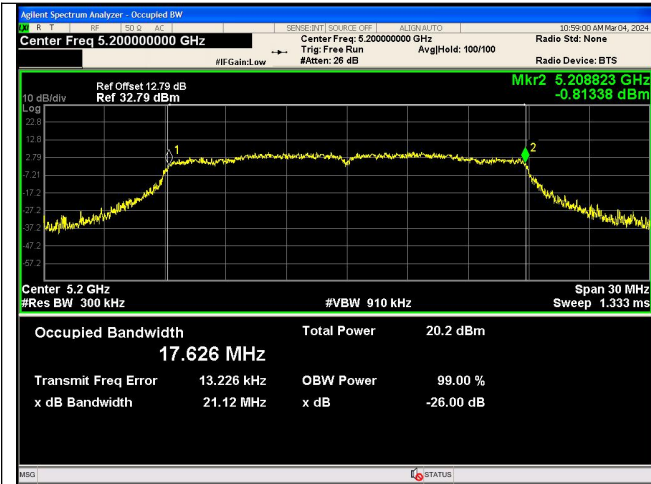
IEEE 802.11ac Channel 42 80MHz Antenna 0

Antenna 2:  
Test Result

Mode	Channel	Ant.	99% BW (MHz)
IEEE 802.11a	36	0	16.433
	40		16.428
	48		16.433
IEEE 802.11n_20	36		17.642
	40		17.626
	48		17.617
IEEE 802.11n_40	38		36.037
	46		35.997
IEEE 802.11ac_20	36		17.668
	40		17.669
	48		17.665
IEEE 802.11ac_40	38		36.067
	46	36.003	
IEEE 802.11ac_80	42	75.338	

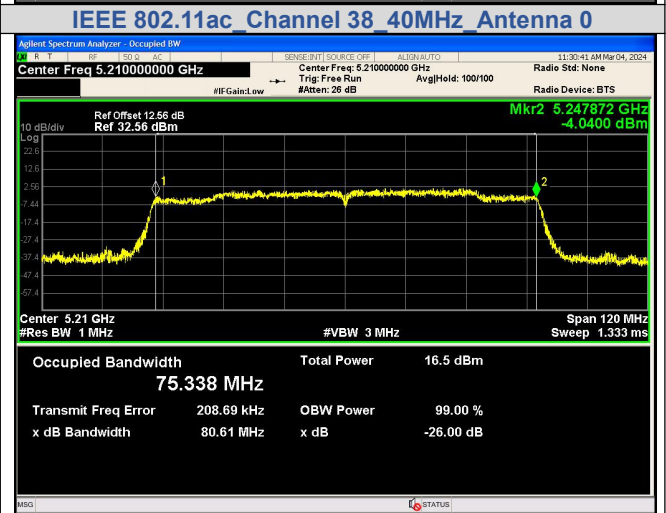
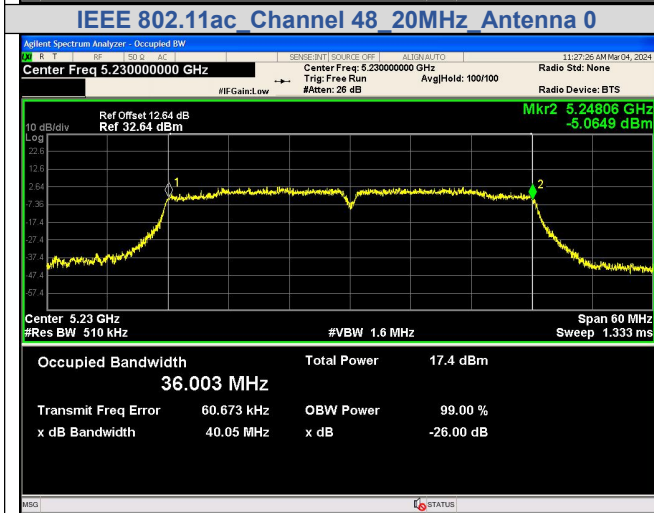
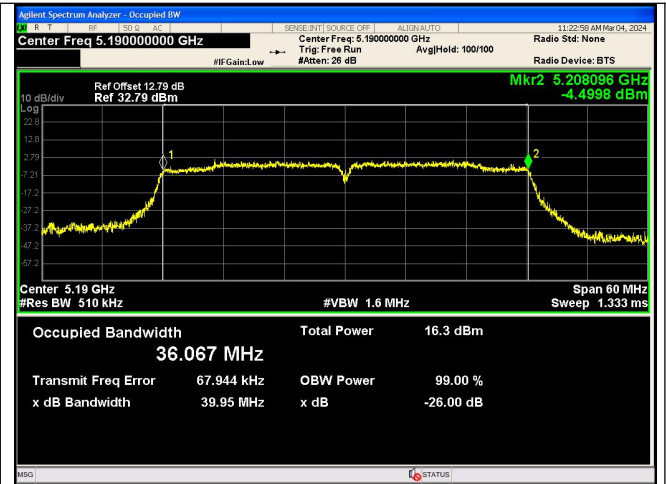
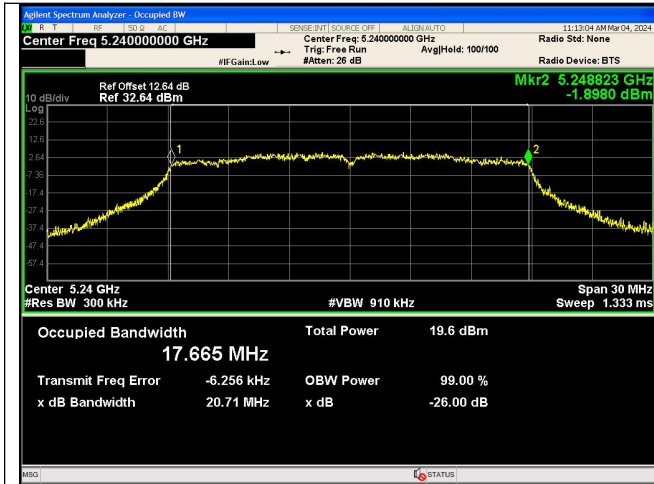
Test Graphs





**IEEE 802.11ac Channel 36 20MHz Antenna 0**

**IEEE 802.11ac Channel 40 20MHz Antenna 0**

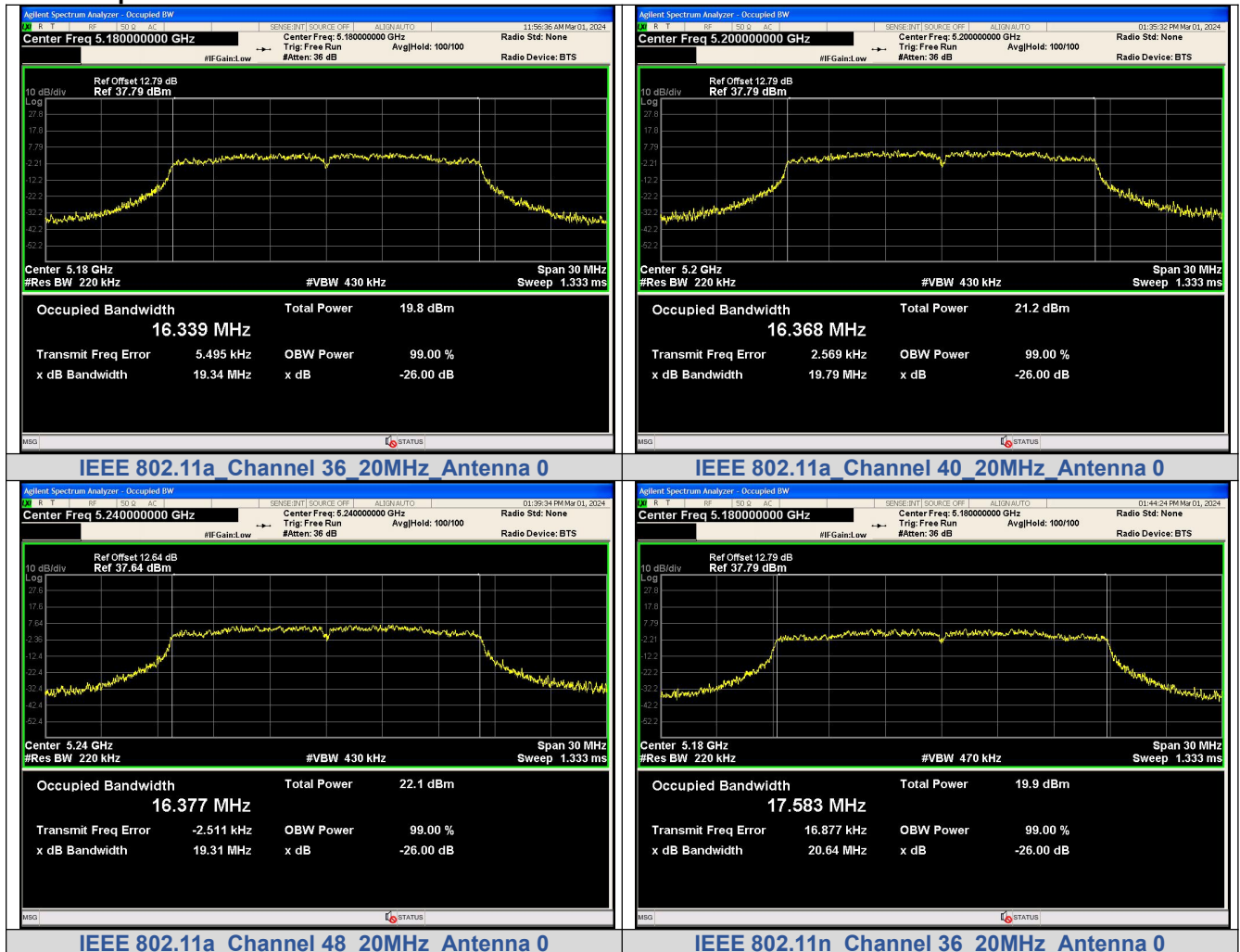


## APPENDIX V.26dB Bandwidth

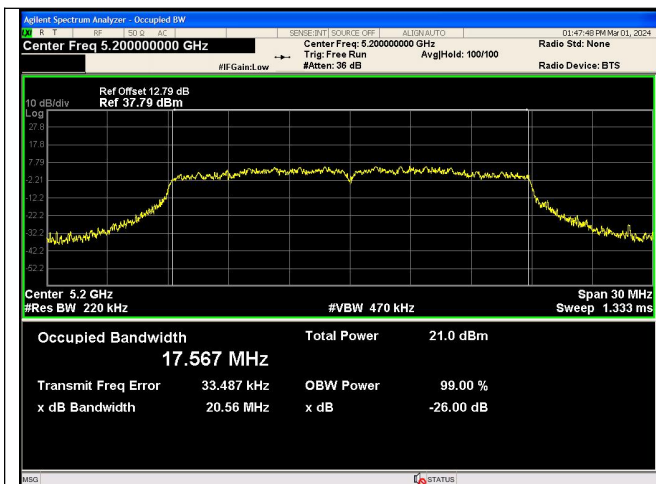
### Antenna 1: Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	0	5180	19.34	1.11
	40		5200	19.79	1.13
	48		5240	19.31	1.14
IEEE 802.11n_20	36		5180	20.64	1.1
	40		5200	20.56	1.11
	48		5240	20.50	1.12
IEEE 802.11n_40	38		5190	39.81	1.06
	46		5230	39.60	1.06
IEEE 802.11ac_20	36		5180	20.87	1.1
	40		5200	20.42	1.12
	48		5240	20.53	1.1
IEEE 802.11ac_40	38		5190	39.97	1.05
	46	5230	39.22	1.09	
IEEE 802.11ac_80	42	5210	80.52	1.03	

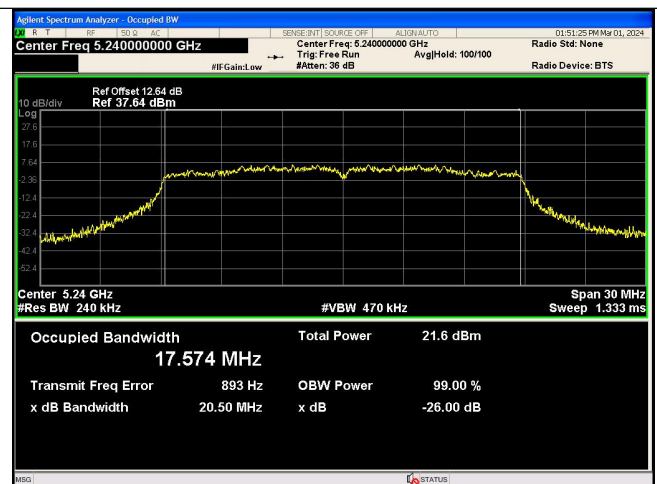
### Test Graphs



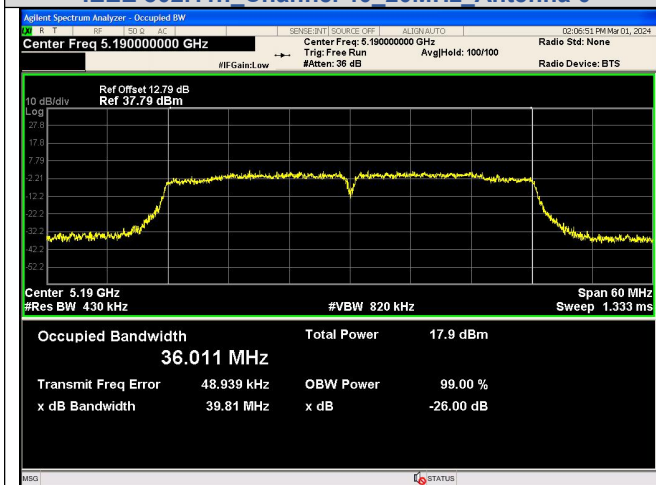




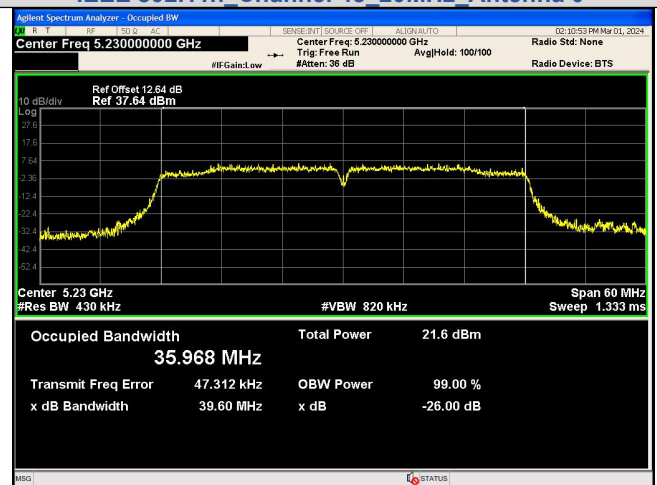
IEEE 802.11n Channel 40 20MHz Antenna 0



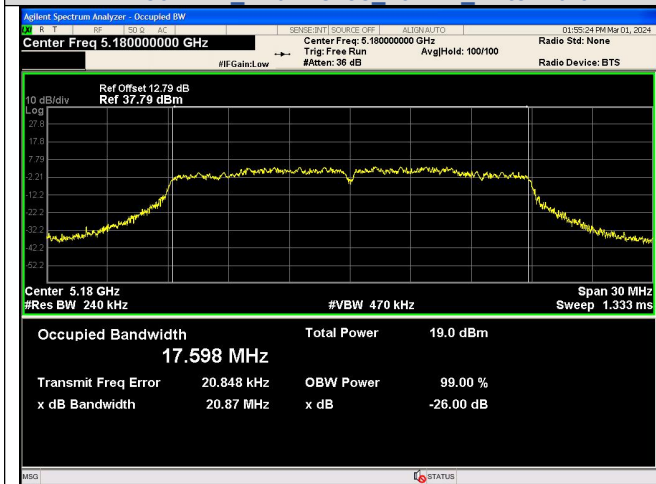
IEEE 802.11n Channel 48 20MHz Antenna 0



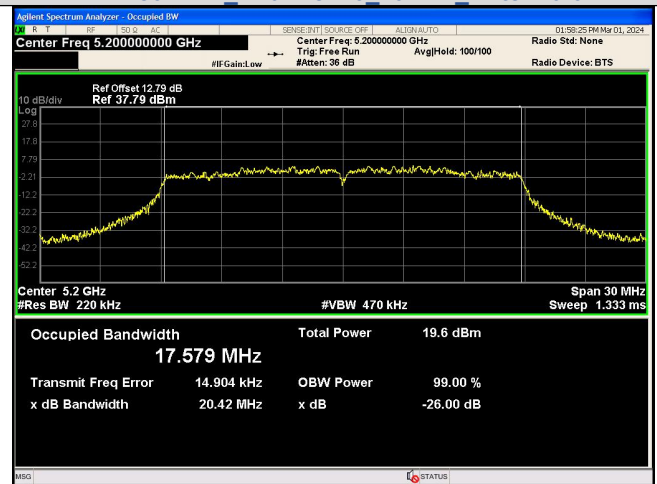
IEEE 802.11n Channel 38 40MHz Antenna 0



IEEE 802.11n Channel 46 40MHz Antenna 0



IEEE 802.11ac Channel 36 20MHz Antenna 0



IEEE 802.11ac Channel 40 20MHz Antenna 0