

### Occupied Bandwidth

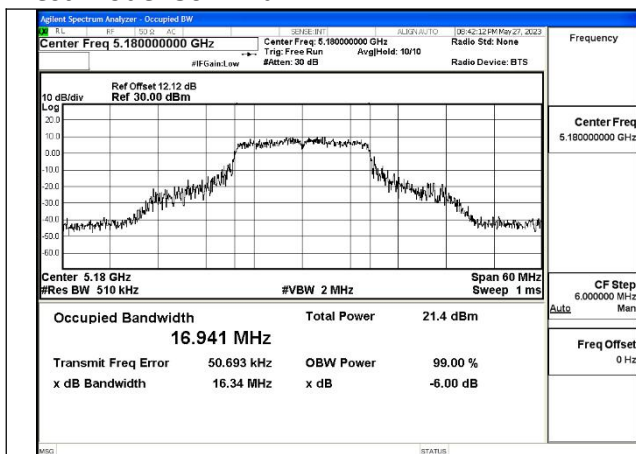
Offset 12.12dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5180MHz	5220MHz	5240MHz
802.11a	Chain0	16.941	16.926	16.614
802.11a	Chain1	17.054	16.941	16.614
802.11n HT20	Chain0	18.071	18.074	17.739
802.11n HT20	Chain1	18.170	18.088	17.772
802.11ac VHT20	Chain0	18.114	18.131	17.620
802.11ac VHT20	Chain1	18.036	18.189	17.750
802.11ax HE20	Chain0	18.893	19.017	18.908
802.11ax HE20	Chain1	19.045	18.978	18.977

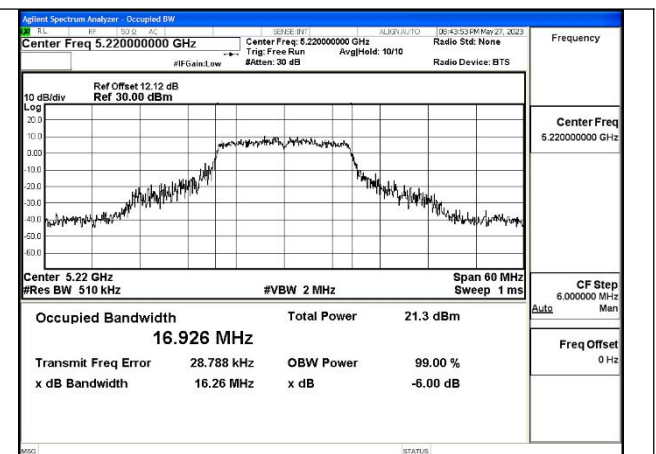
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5190MHz	---	5230MHz
802.11n HT40	Chain0	35.801	---	35.995
802.11n HT40	Chain1	35.969	---	36.105
802.11ac VHT40	Chain0	35.934	---	35.994
802.11ac VHT40	Chain1	35.997	---	36.015
802.11ax HE40	Chain0	37.199	---	37.852
802.11ax HE40	Chain1	37.624	---	37.409

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5210MHz	---	---
802.11ac VHT80	Chain0	75.256	---	---
802.11ac VHT80	Chain1	75.459	---	---
802.11ax HE80	Chain0	76.966	---	---
802.11ax HE80	Chain1	76.898	---	---

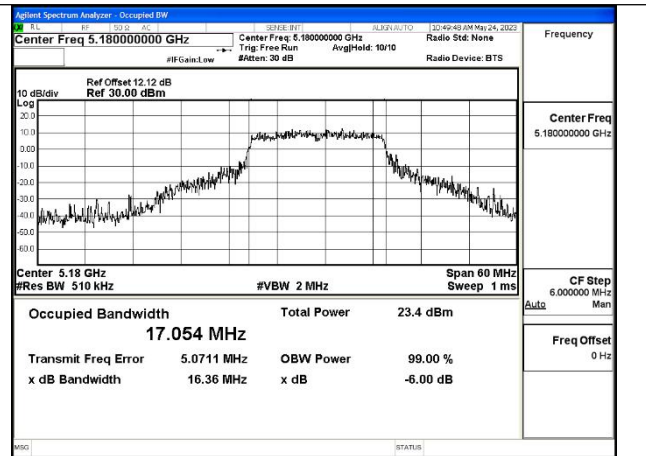
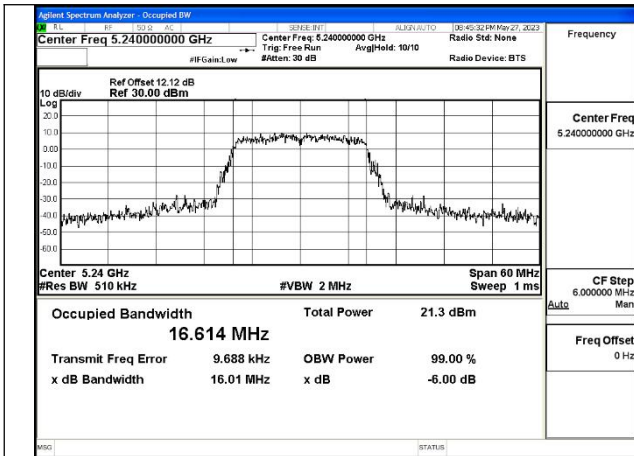
### Test Mode: 802.11a



Mode:802.11a Frequency:5180MHz Ant:Chain0

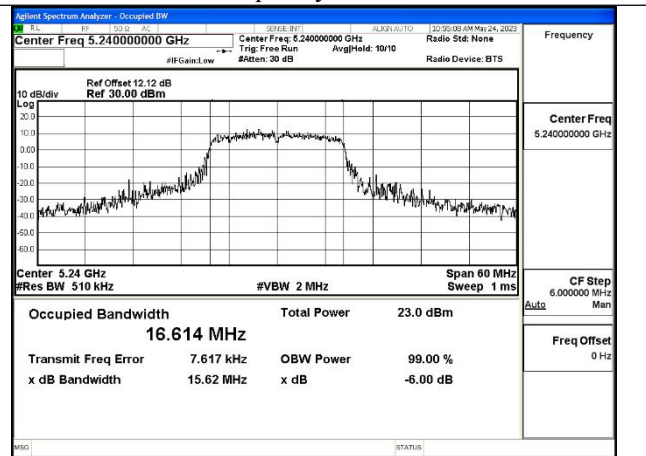
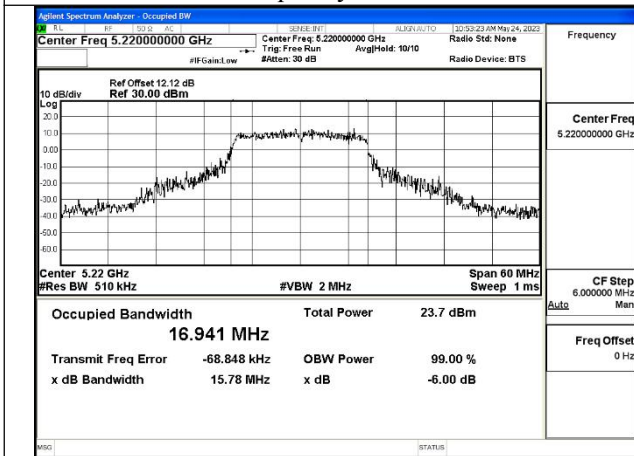


Mode:802.11a Frequency:5220MHz Ant:Chain0



Mode:802.11a Frequency:5240MHz Ant:Chain0

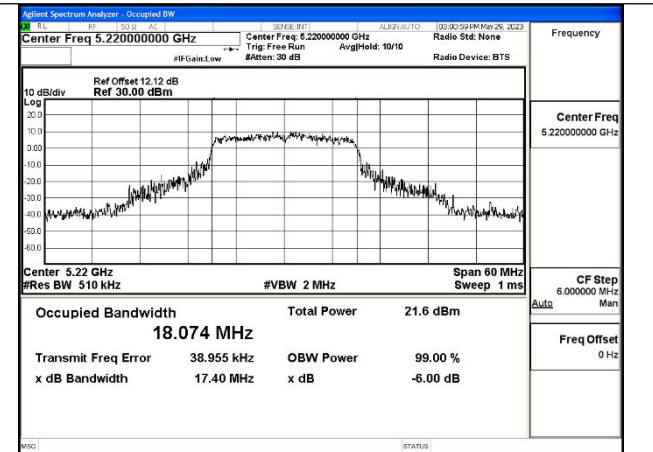
Mode:802.11a Frequency:5180MHz Ant:Chain1



Mode:802.11a Frequency:5220MHz Ant:Chain1

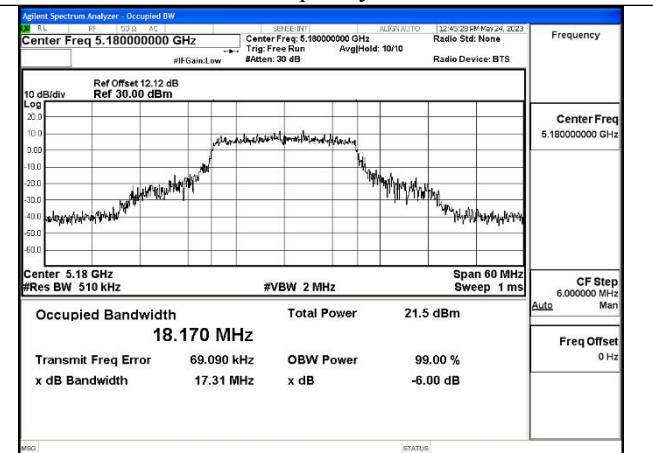
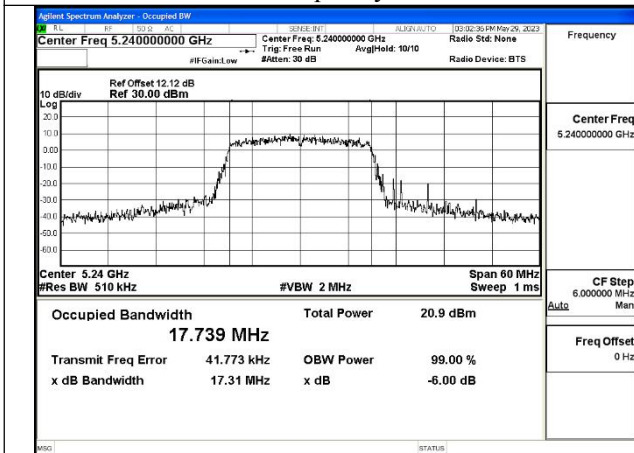
Mode:802.11a Frequency:5240MHz Ant:Chain1

Test Mode: 802.11n HT20



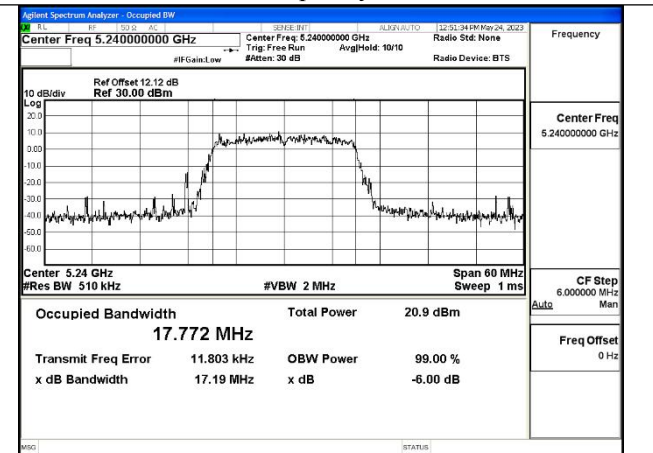
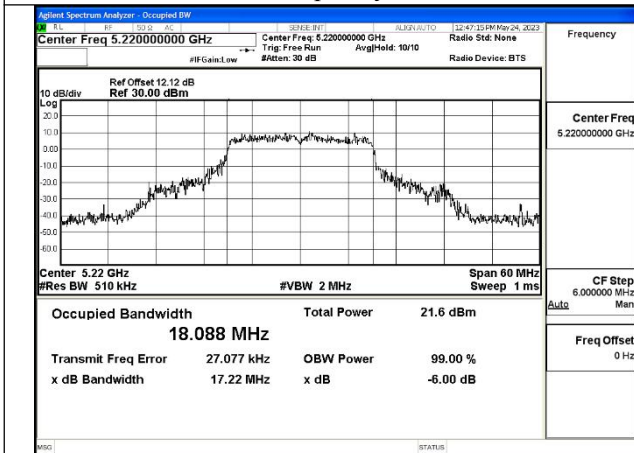
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0

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



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

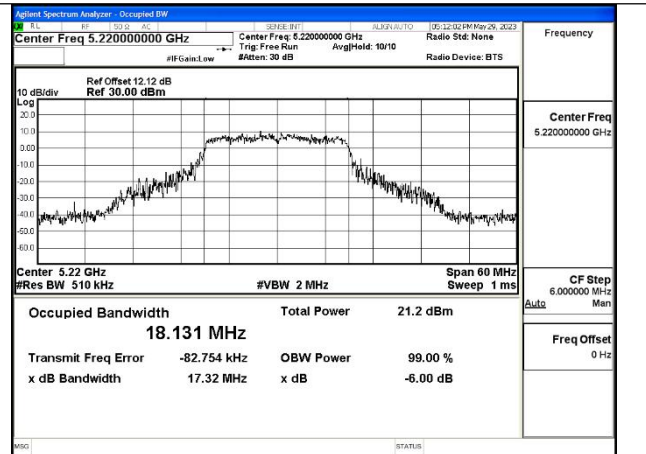
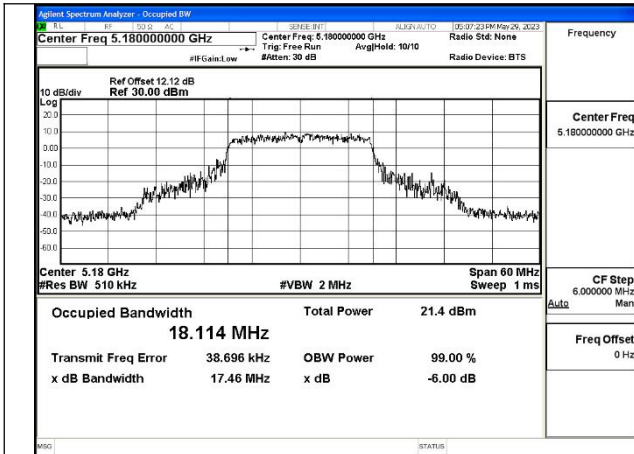
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1



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

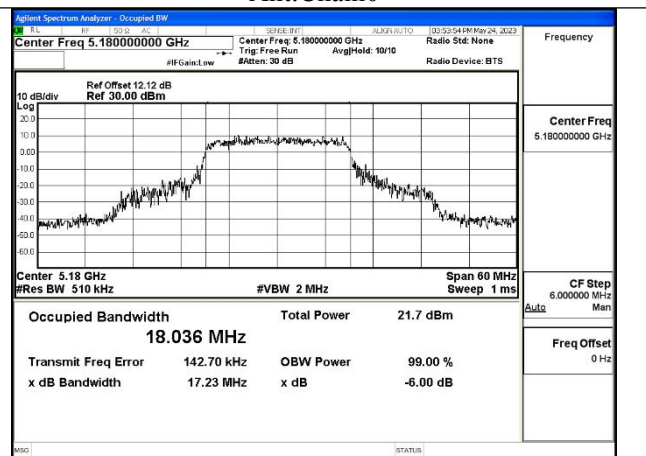
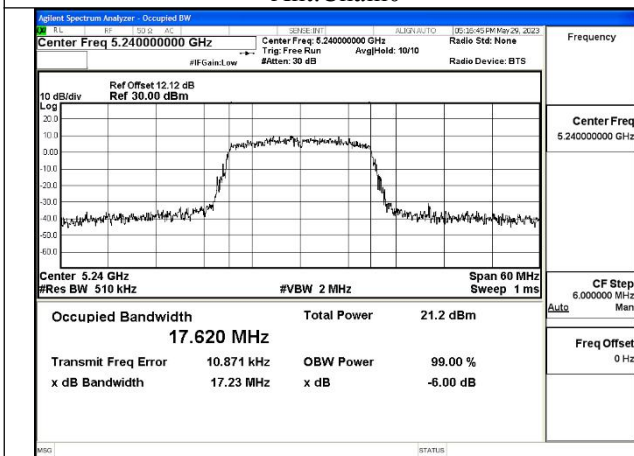
Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1

Test Mode: 802.11ac VHT20



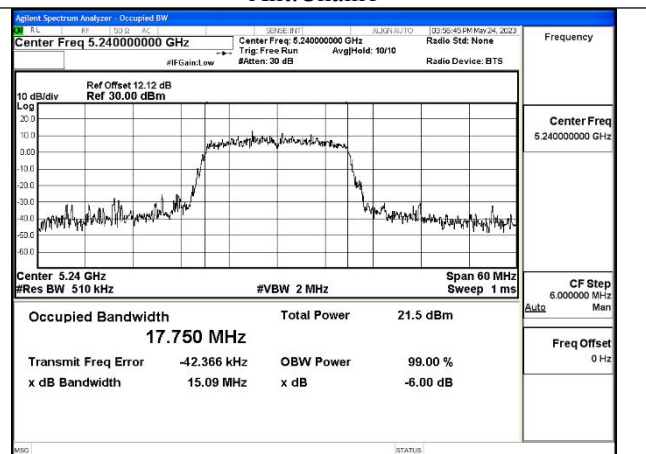
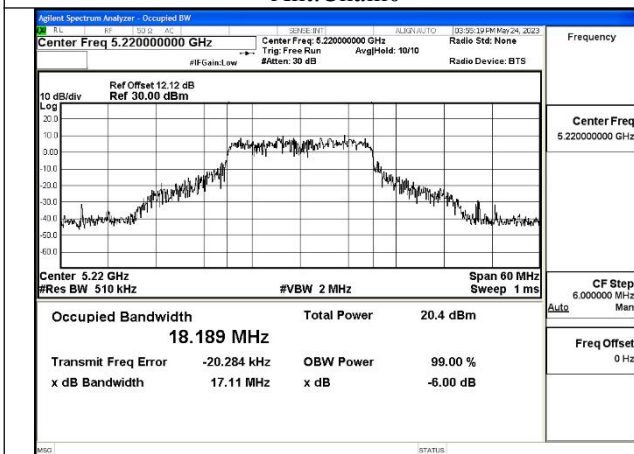
Mode:802.11ac VHT20 Frequency:5180MHz  
Ant:Chain0

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



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

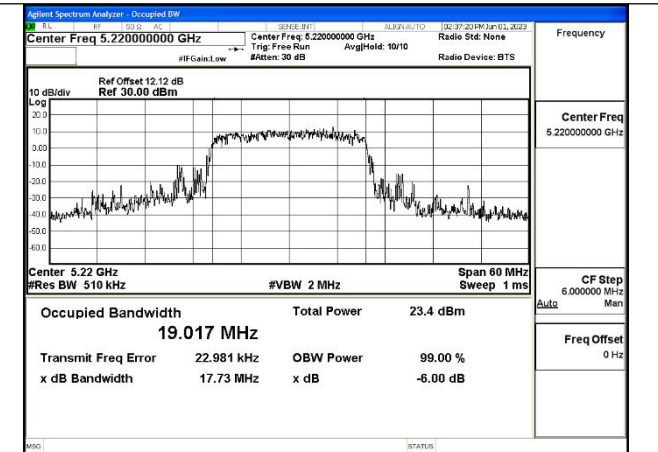
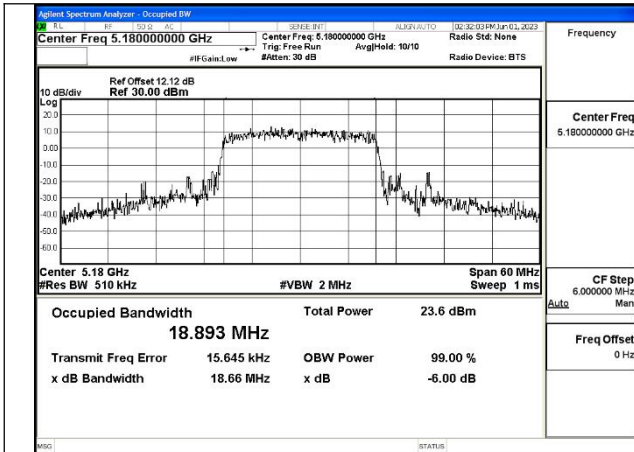
Mode:802.11ac VHT20 Frequency:5180MHz  
Ant:Chain1



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

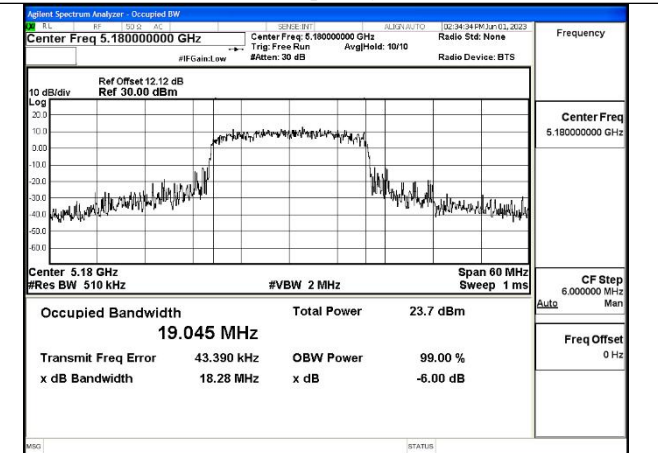
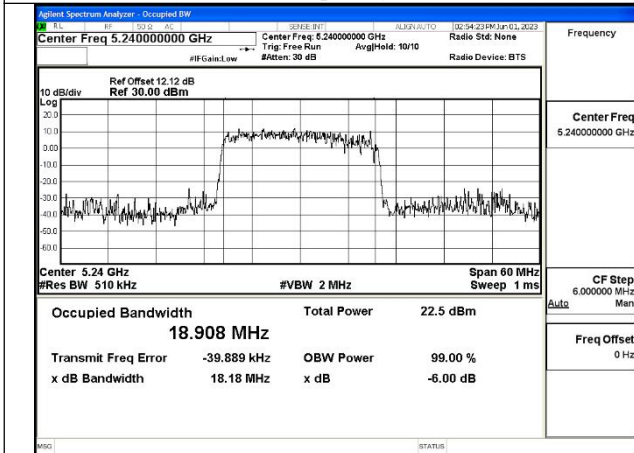
Mode:802.11ac VHT20 Frequency:5240MHz  
Ant:Chain1

Test Mode: 802.11ax HE20



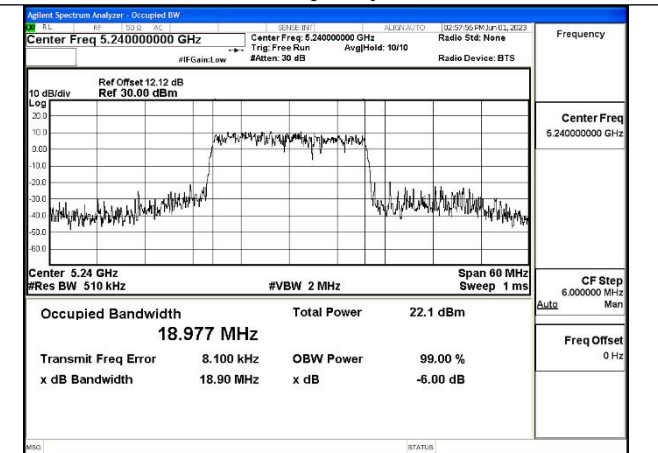
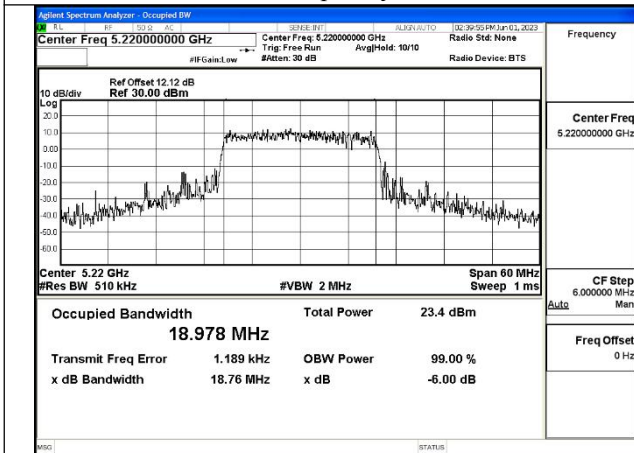
Mode:802.11ax HE20 Frequency:5180MHz Ant:Chain0

Mode:802.11ax HE20 Frequency:5220MHz Ant:Chain0



Mode:802.11ax HE20 Frequency:5240MHz Ant:Chain0

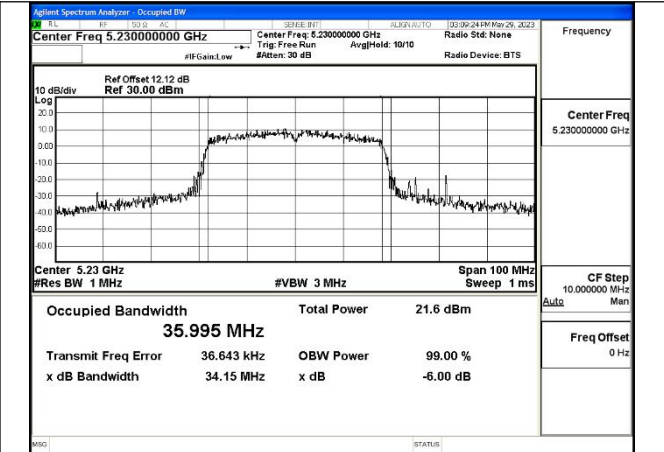
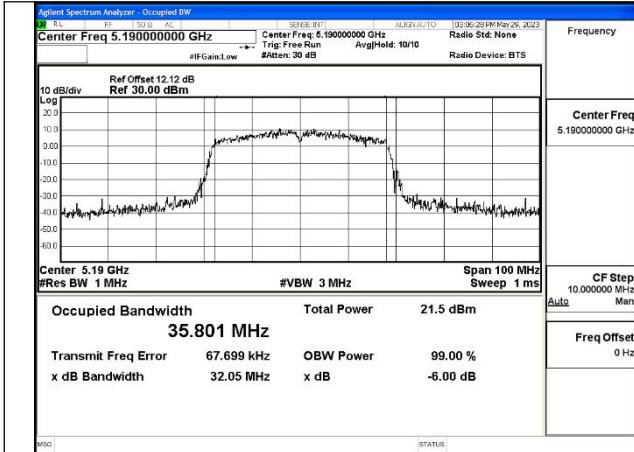
Mode:802.11ax HE20 Frequency:5180MHz Ant:Chain1



Mode:802.11ax HE20 Frequency:5220MHz Ant:Chain1

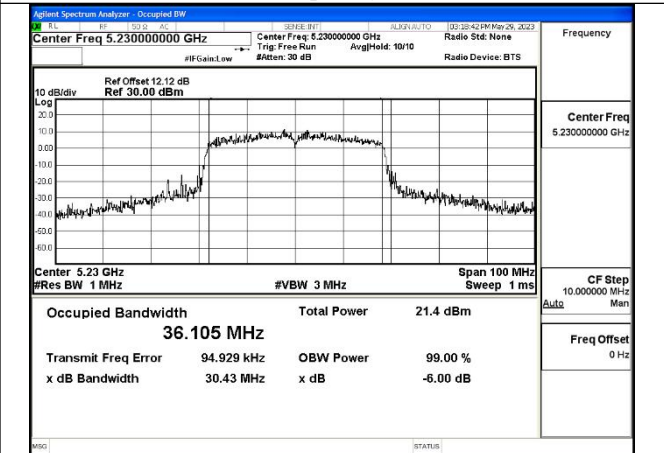
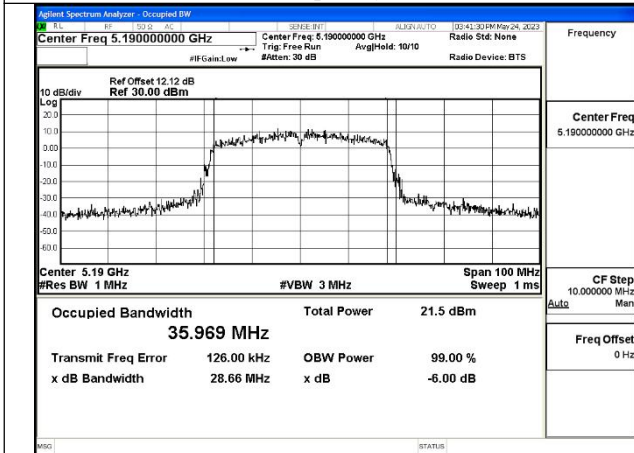
Mode:802.11ax HE20 Frequency:5240MHz Ant:Chain1

Test Mode: 802.11n HT40



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

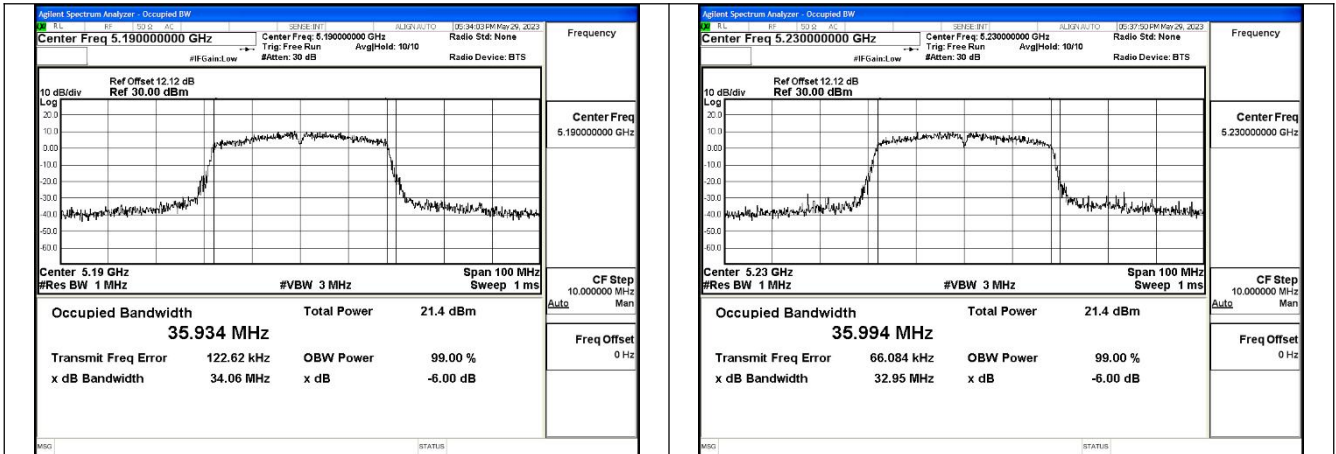
Mode:802.11n HT40 Frequency:5230MHz Ant:Chain0



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

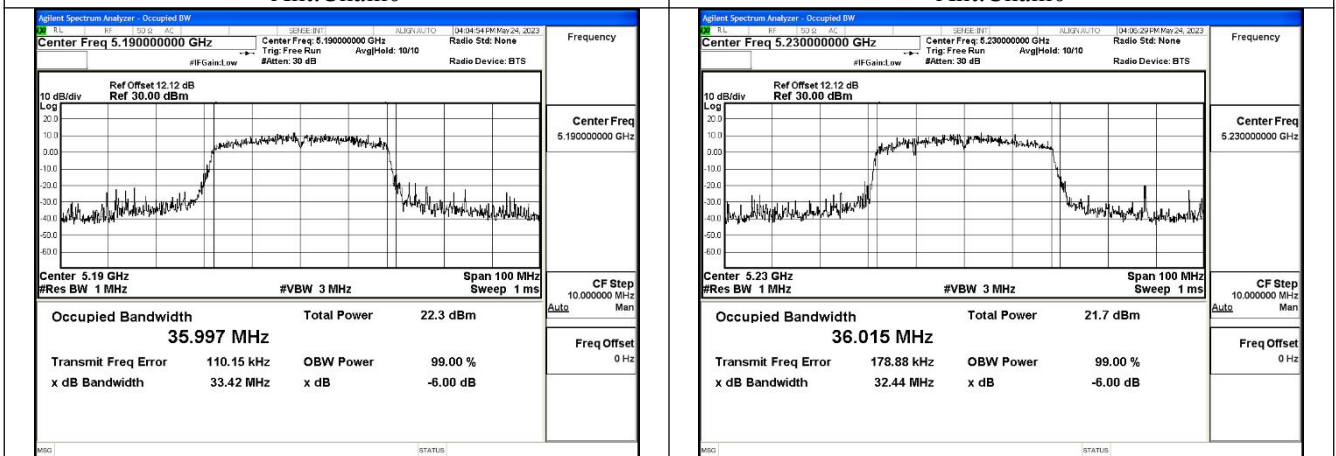
Mode:802.11n HT40 Frequency:5230MHz Ant:Chain1

Test Mode: 802.11ac VHT40



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

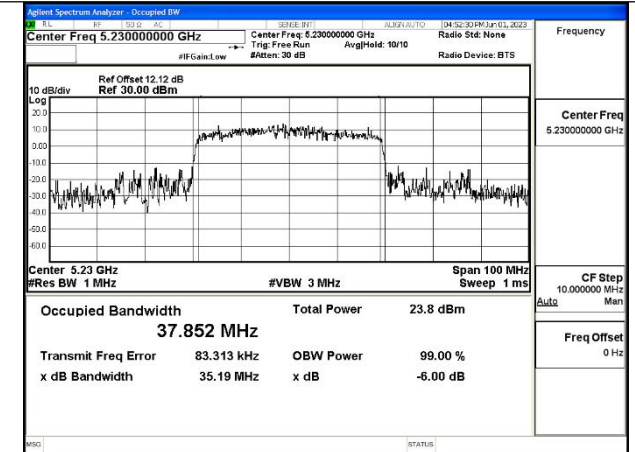
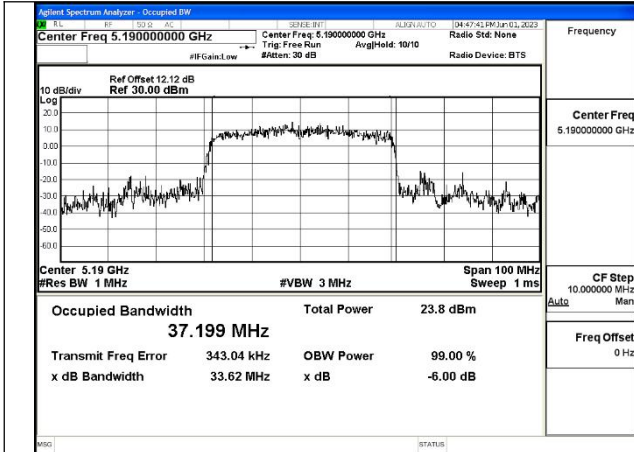
Mode:802.11ac VHT40 Frequency:5230MHz  
Ant:Chain0



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

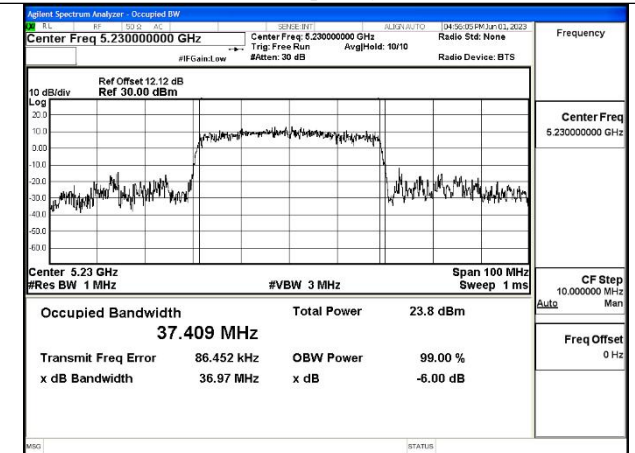
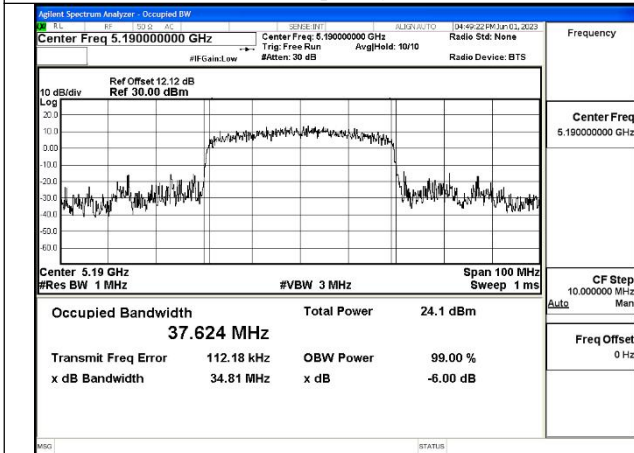
Mode:802.11ac VHT40 Frequency:5230MHz  
Ant:Chain1

Test Mode: 802.11ax HE40



Mode:802.11ax HE40 Frequency:5190MHz Ant:Chain0

Mode:802.11ax HE40 Frequency:5230MHz Ant:Chain0

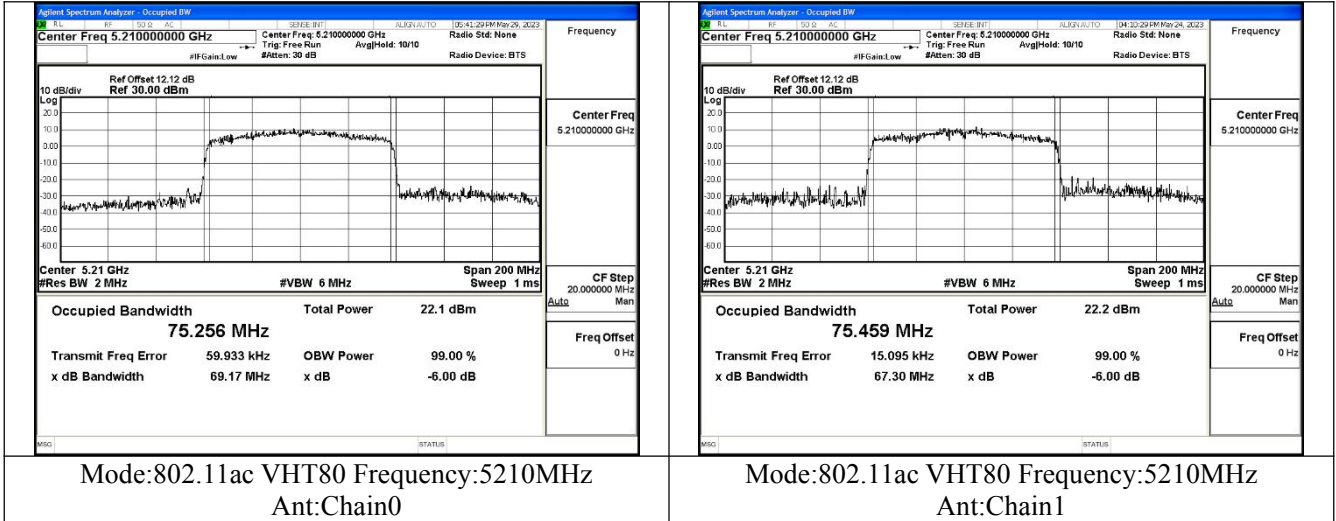


Mode:802.11ax HE40 Frequency:5190MHz Ant:Chain1

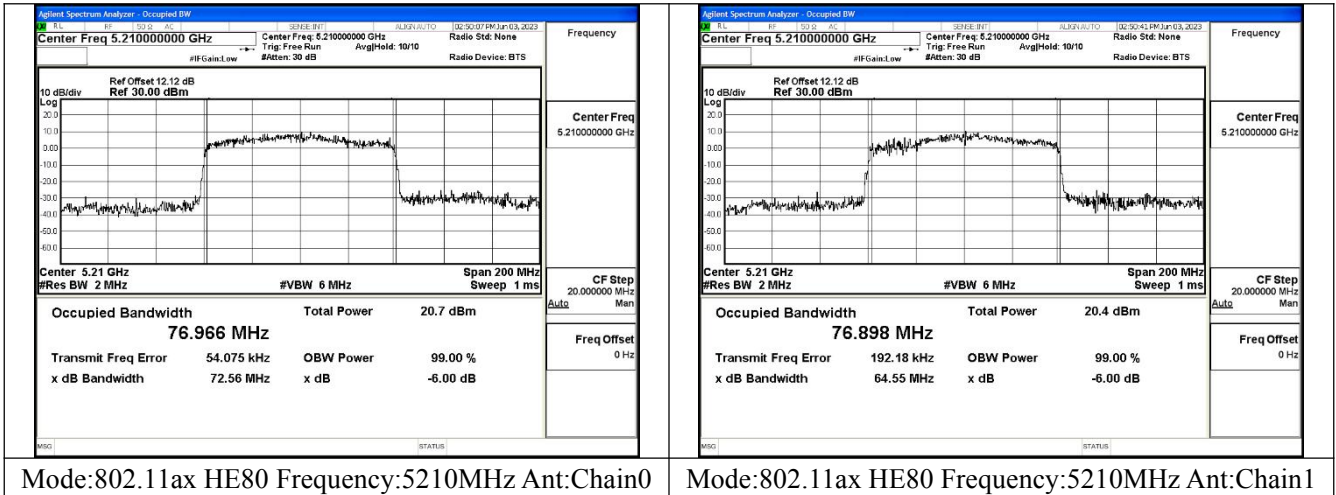
Mode:802.11ax HE40 Frequency:5230MHz Ant:Chain1



Test Mode: 802.11ac VHT80



Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Frequency:5210MHz Ant:Chain0

Mode:802.11ax HE80 Frequency:5210MHz Ant:Chain1

## Transmitter Power Spectral Density

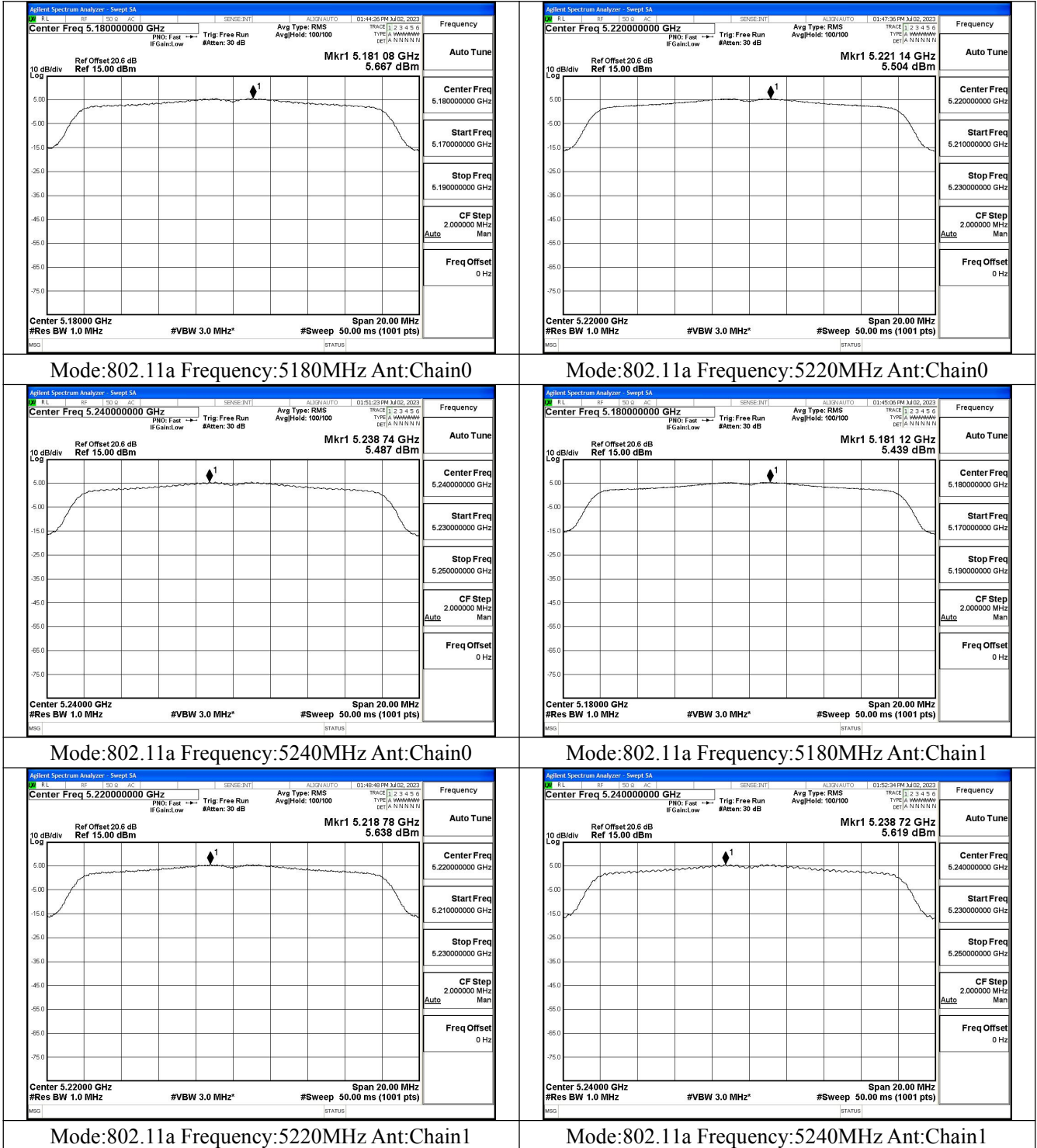
Offset 20.6dB = Attenuator + Temporary antenna connector loss + Cable loss

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	0.00	5.667	0.00	5.504	0.00	5.487
802.11a	Chain1	NA	0.00	5.439	0.00	5.638	0.00	5.619
802.11n HT20	Chain0	NA	0.00	5.554	0.00	5.296	0.00	5.347
802.11n HT20	Chain1	NA	0.00	5.324	0.00	5.176	0.00	5.298
802.11n HT20	MIMO	NA	0.00	8.451	0.00	8.247	0.00	8.333
802.11ac VHT20	Chain0	NA	0.00	6.455	0.00	4.876	0.00	5.277
802.11ac VHT20	Chain1	NA	0.00	5.833	0.00	5.661	0.00	6.575
802.11ac VHT20	MIMO	NA	0.00	9.165	0.00	8.297	0.00	8.985
802.11ax HE20	Chain0	26T	0.00	1.474	0.00	1.069	0.00	1.185
802.11ax HE20	Chain1	26T	0.00	1.585	0.00	0.978	0.00	1.330
802.11ax HE20	MIMO	26T	0.00	4.540	0.00	4.034	0.00	4.268
802.11ax HE20	Chain0	242T	0.00	5.559	0.00	4.872	0.00	5.269
802.11ax HE20	Chain1	242T	0.00	5.464	0.00	4.658	0.00	4.918
802.11ax HE20	MIMO	242T	0.00	8.522	0.00	7.777	0.00	8.107

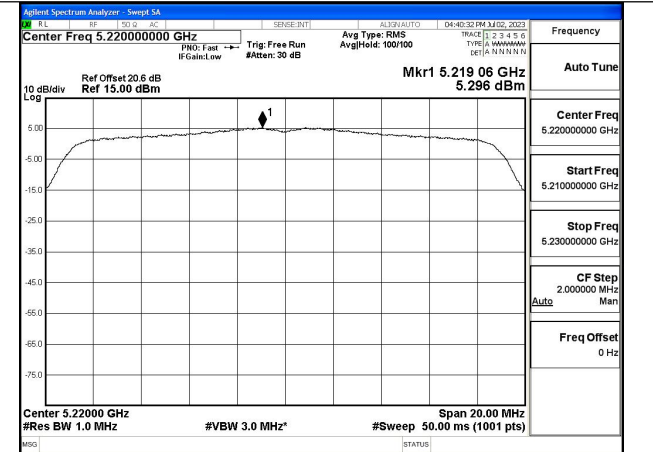
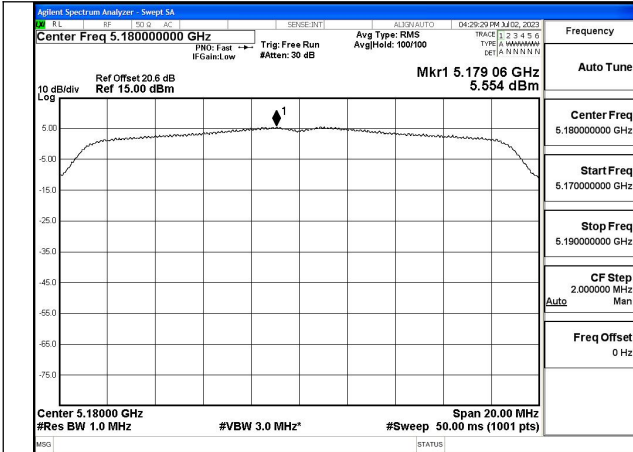
Test Mode	Antenna	Tones	5190MHz		---		5230MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	0.00	1.973	---	---	0.00	1.774
802.11n HT40	Chain1	NA	0.00	1.684	---	---	0.00	1.580
802.11n HT40	MIMO	NA	0.00	4.841	---	---	0.00	4.688
802.11ac VHT40	Chain0	NA	0.00	2.567	---	---	0.00	2.645
802.11ac VHT40	Chain1	NA	0.00	2.274	---	---	0.00	2.431
802.11ac VHT40	MIMO	NA	0.00	5.433	---	---	0.00	5.550
802.11ax HE40	Chain0	26T	0.00	3.566	---	---	0.00	3.689
802.11ax HE40	Chain1	26T	0.00	3.502	---	---	0.00	3.610
802.11ax HE40	MIMO	26T	0.00	6.544	---	---	0.00	6.660
802.11ax HE40	Chain0	484T	0.00	-0.294	---	---	0.00	-0.585
802.11ax HE40	Chain1	484T	0.00	-0.122	---	---	0.00	-0.586
802.11ax HE40	MIMO	484T	0.00	2.803	---	---	0.00	2.425

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	0.00	-1.686	---	---	---	---
802.11ac VHT80	Chain1	NA	0.00	-1.880	---	---	---	---
802.11ac VHT80	MIMO	NA	0.00	1.228	---	---	---	---
802.11ax HE80	Chain0	26T	0.00	3.013	---	---	---	---
802.11ax HE80	Chain1	26T	0.00	2.866	---	---	---	---
802.11ax HE80	MIMO	26T	0.00	5.950	---	---	---	---
802.11ax HE80	Chain0	996T	0.00	-5.012	---	---	---	---
802.11ax HE80	Chain1	996T	0.00	-4.963	---	---	---	---
802.11ax HE80	MIMO	996T	0.00	-1.977	---	---	---	---

Test Mode: 802.11a

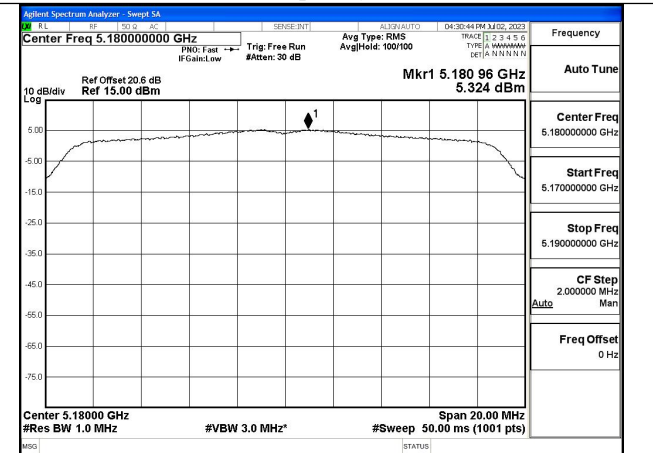
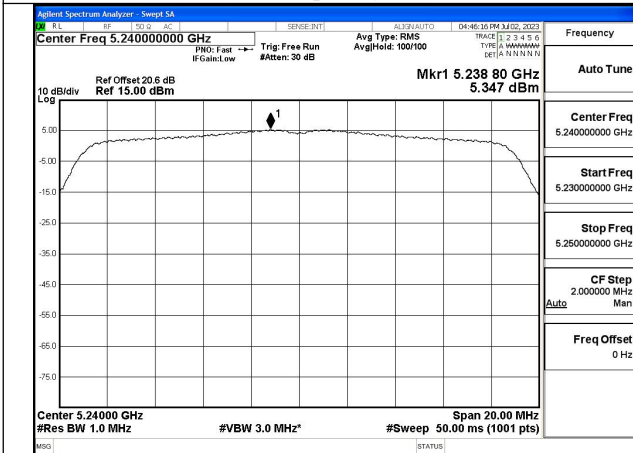


Test Mode: 802.11n HT20



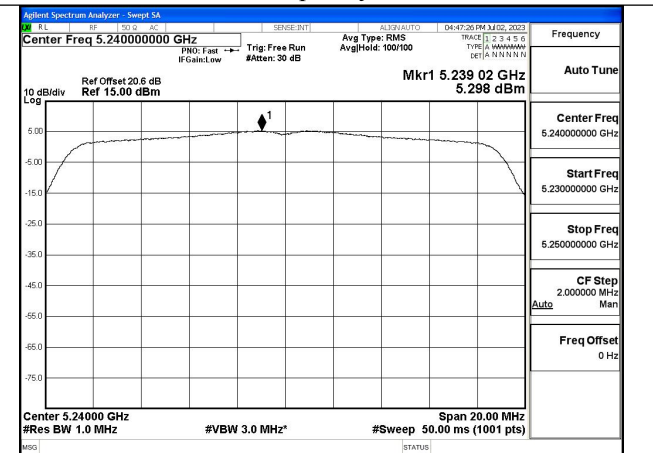
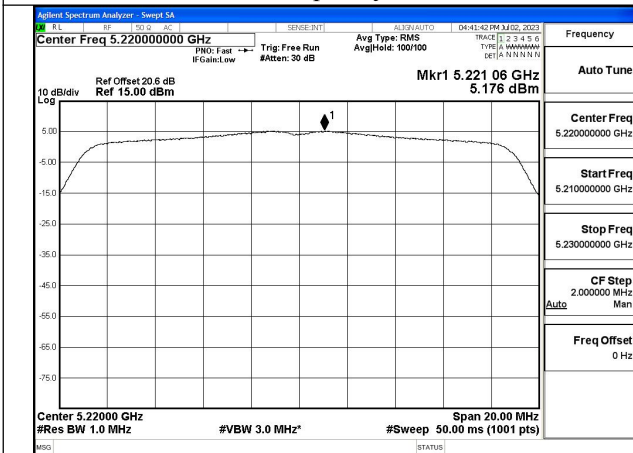
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0

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



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

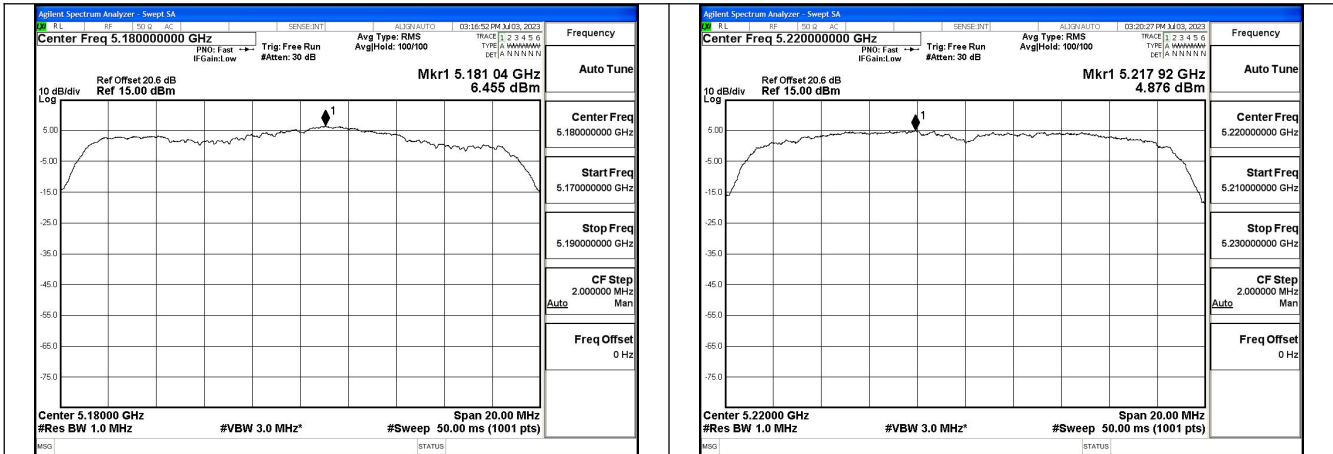
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1



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

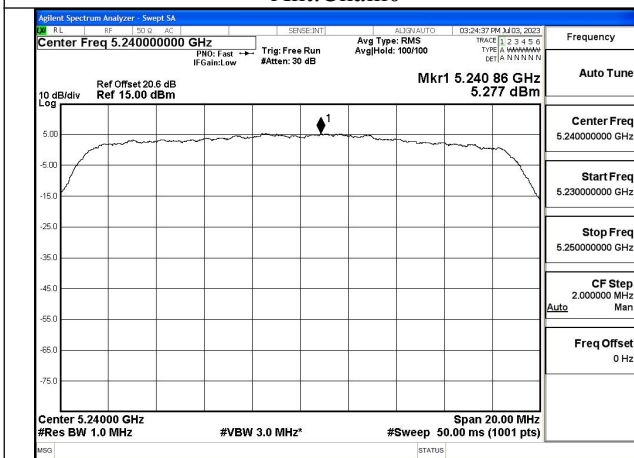
Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1

Test Mode: 802.11ac VHT20

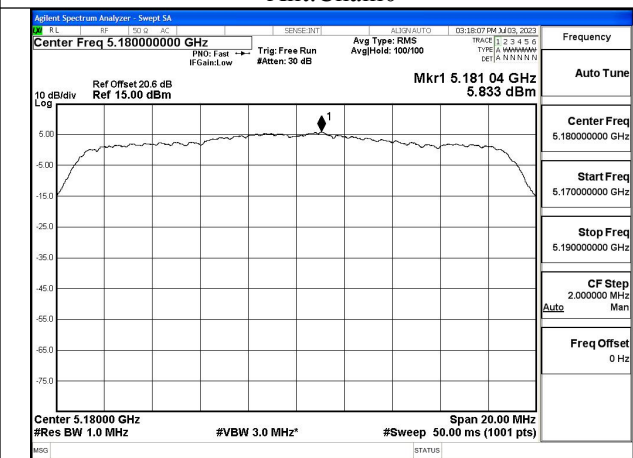


Mode:802.11ac VHT20 Frequency:5180MHz  
Ant:Chain0

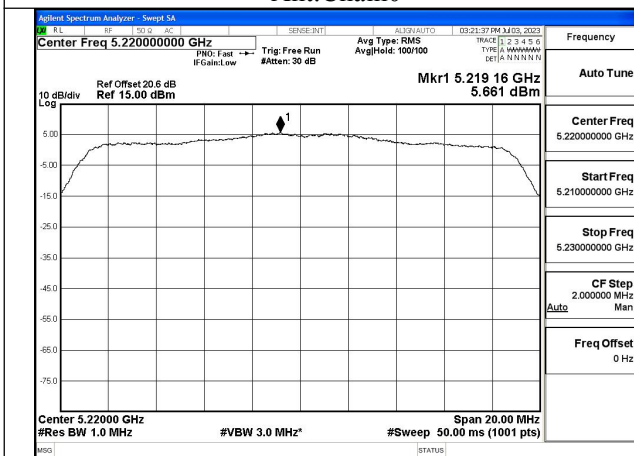
Mode:802.11ac VHT20 Frequency:5220MHz  
Ant:Chain0



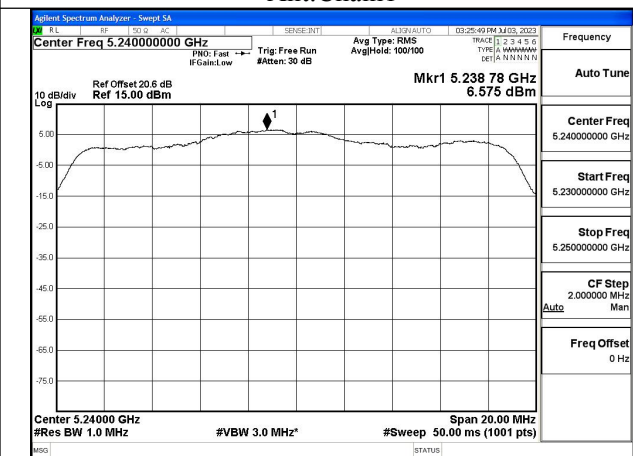
Mode:802.11ac VHT20 Frequency:5240MHz  
Ant:Chain0



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



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



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