

6dB Bandwidth

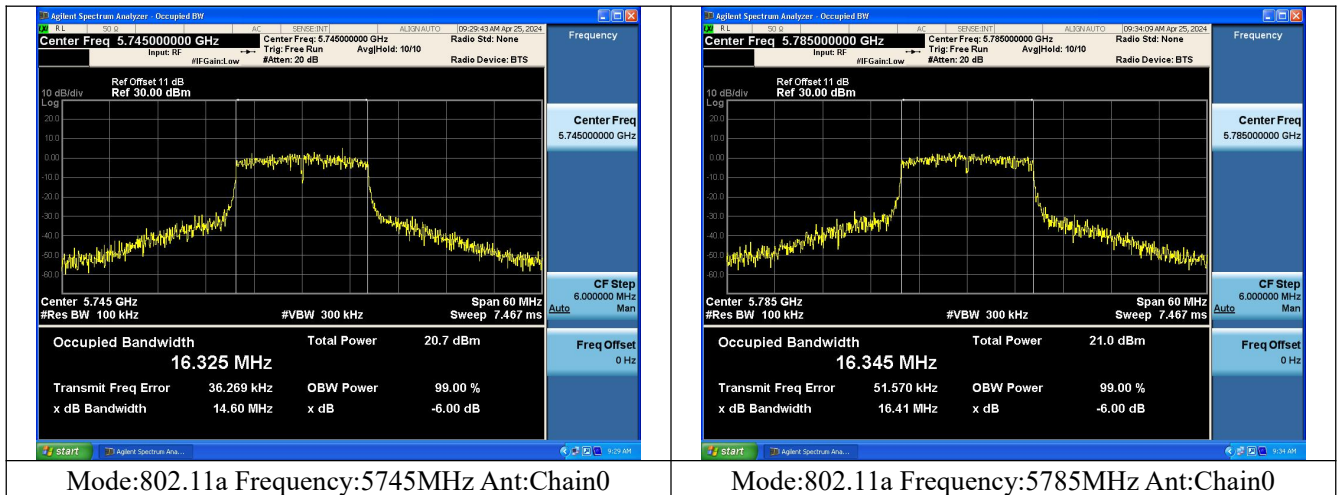
Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

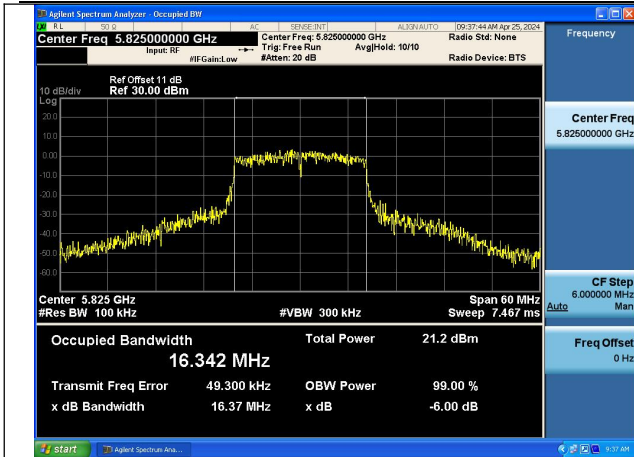
Test Mode	Antenna	6dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	14.60	16.41	16.37
802.11a	Chain1	16.11	14.44	16.33
802.11n HT20	Chain0	17.54	15.64	17.53
802.11n HT20	Chain1	17.55	17.60	14.97
802.11ac VHT20	Chain0	17.61	13.18	17.57
802.11ac VHT20	Chain1	17.23	16.52	17.63

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	33.44	---	32.42
802.11n HT40	Chain1	35.03	---	31.22
802.11ac VHT40	Chain0	32.27	---	33.11
802.11ac VHT40	Chain1	36.23	---	36.28

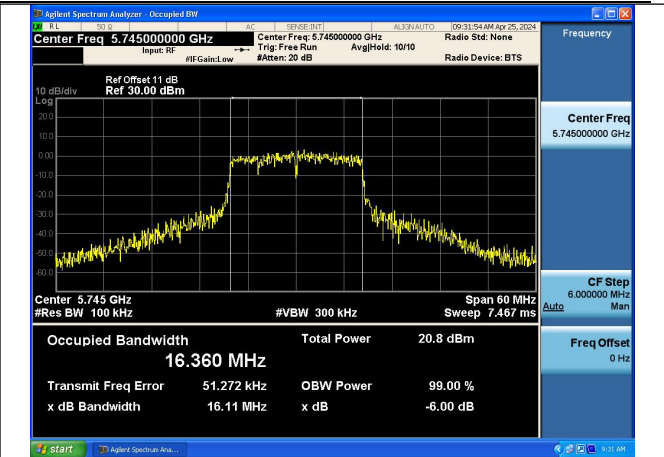
Test Mode	Antenna	6dB Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	71.77	---	---
802.11ac VHT80	Chain1	72.80	---	---

Test Mode: 802.11a

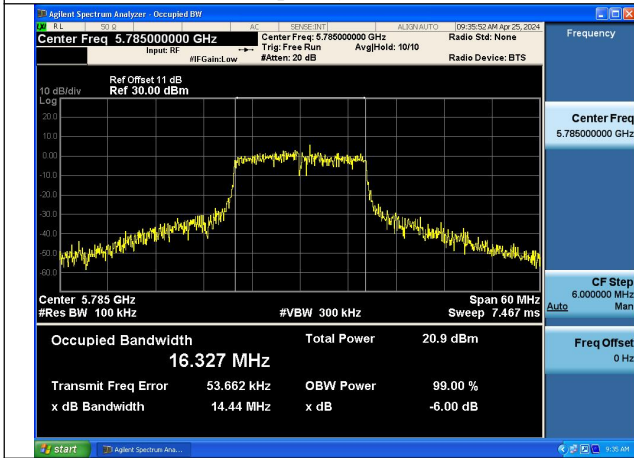




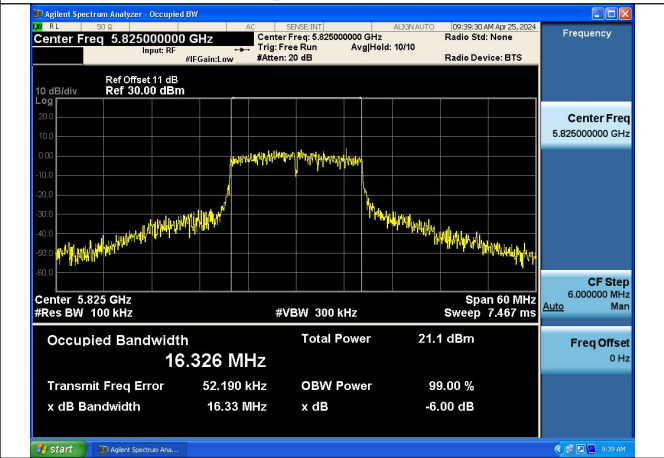
Mode:802.11a Frequency:5825MHz Ant:Chain0



Mode:802.11a Frequency:5745MHz Ant:Chain1

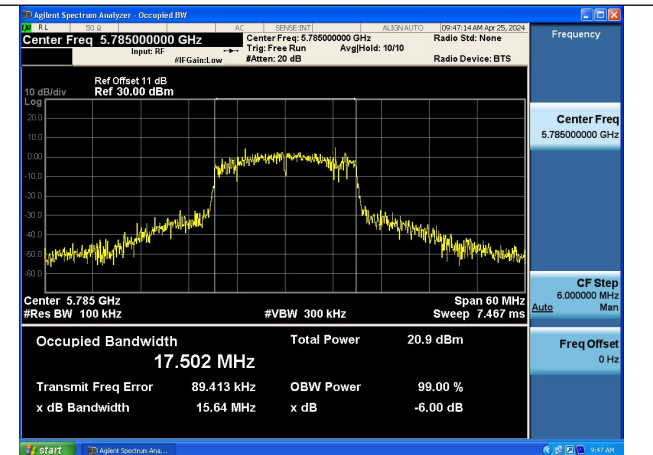
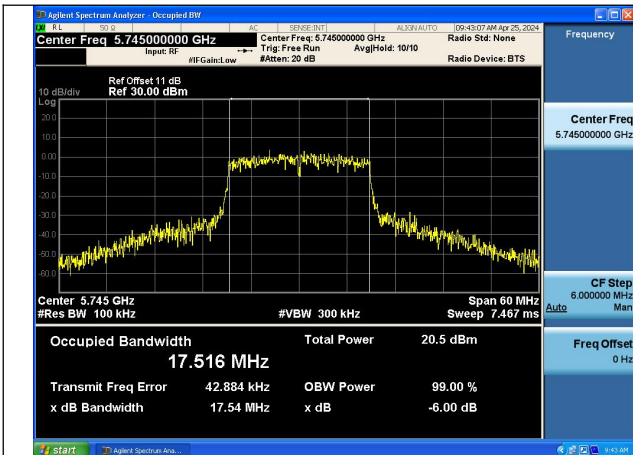


Mode:802.11a Frequency:5785MHz Ant:Chain1



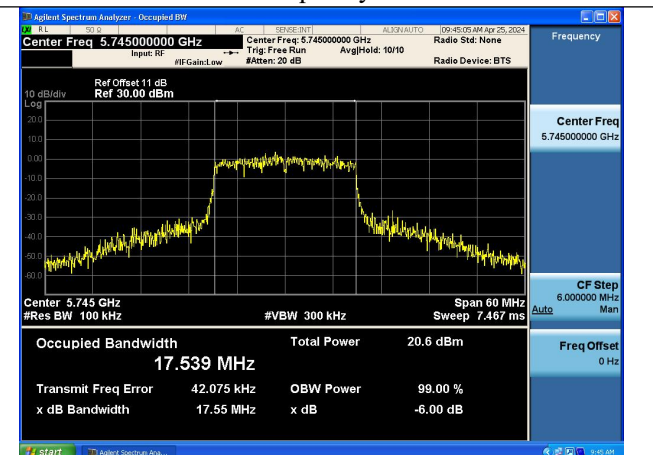
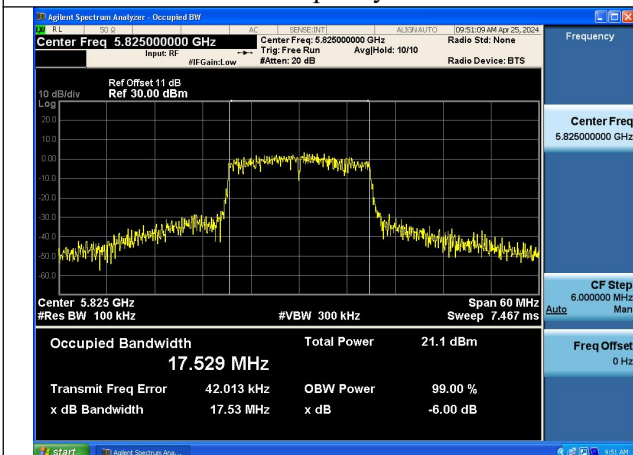
Mode:802.11a Frequency:5825MHz Ant:Chain1

Test Mode: 802.11n HT20



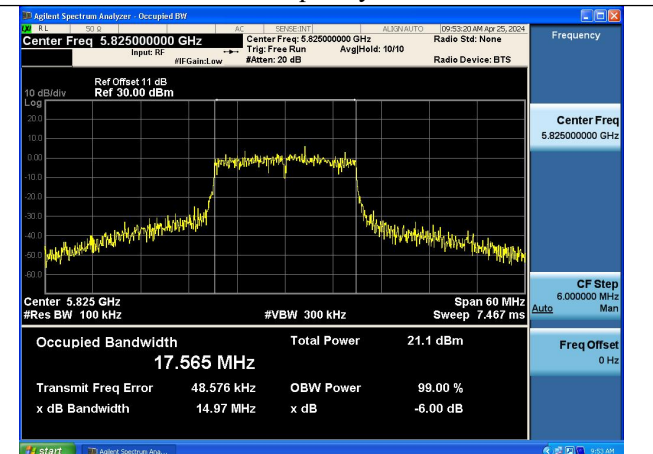
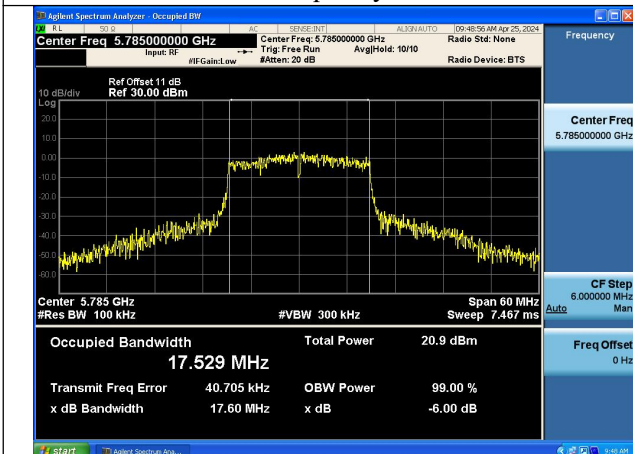
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5785MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5825MHz Ant:Chain0

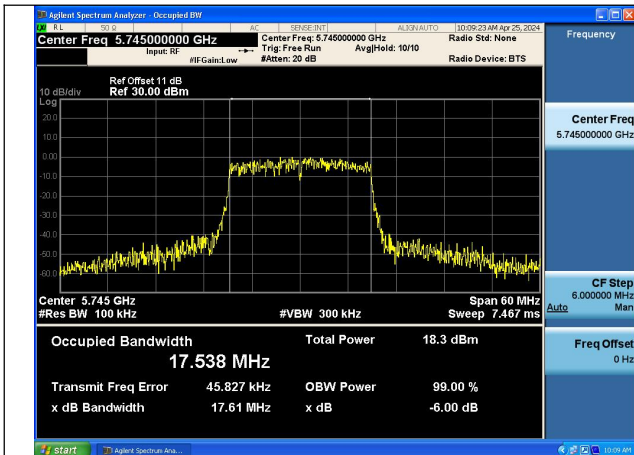
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain1



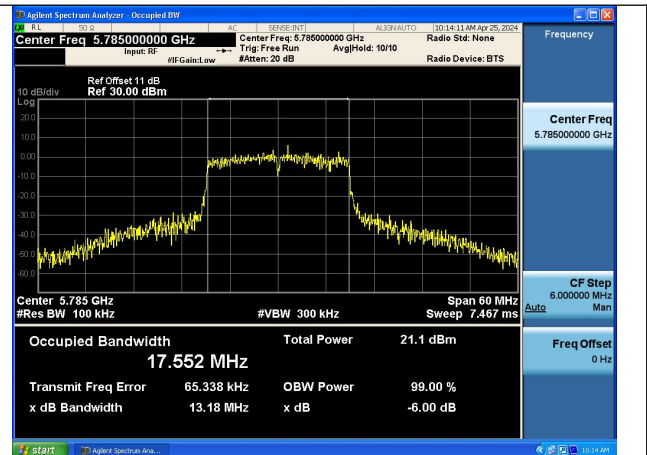
Mode:802.11n HT20 Frequency:5785MHz Ant:Chain1

Mode:802.11n HT20 Frequency:5825MHz Ant:Chain1

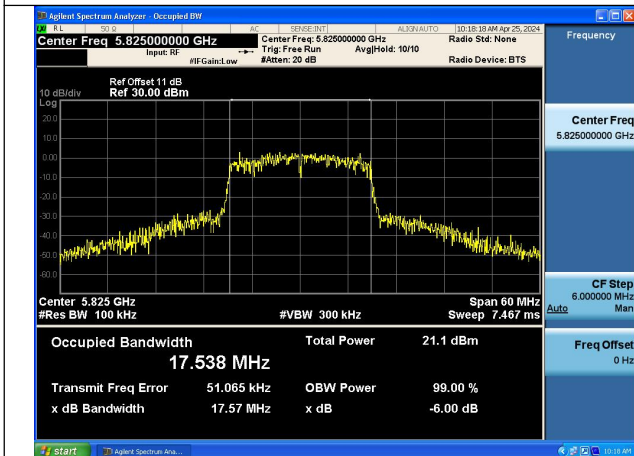
Test Mode: 802.11ac VHT20



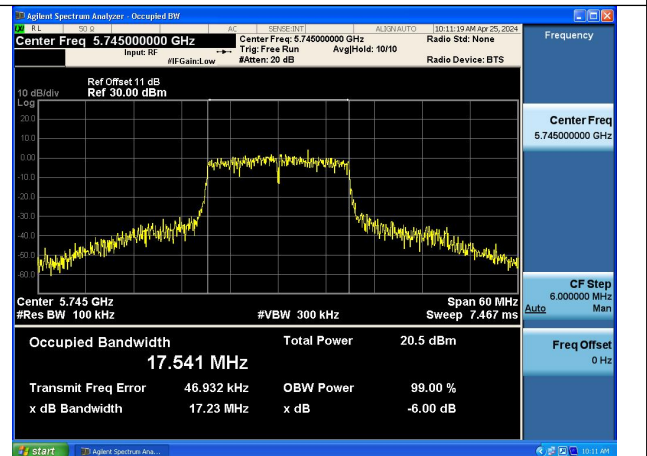
Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0



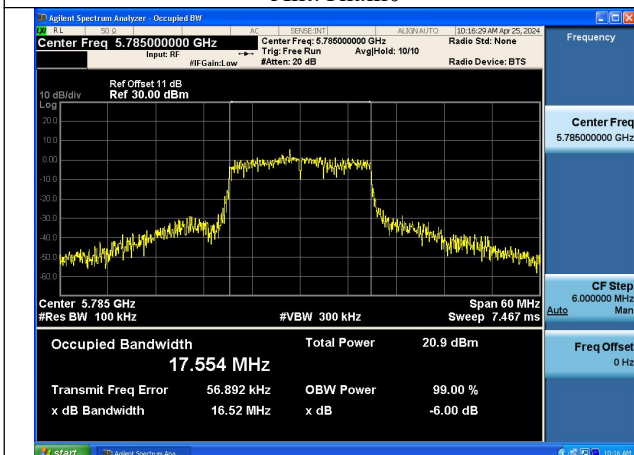
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



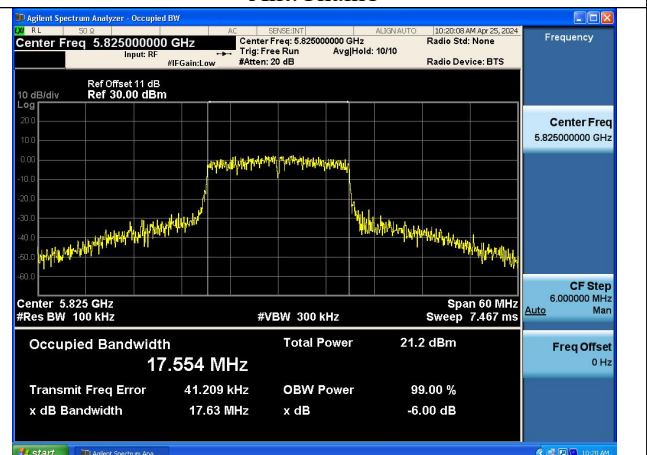
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain1

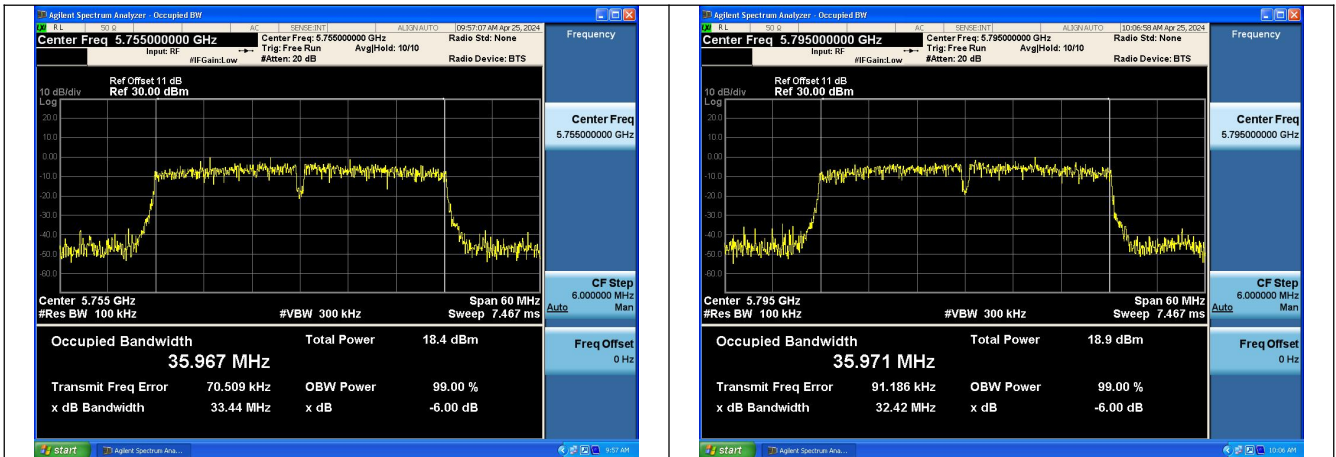


Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain1



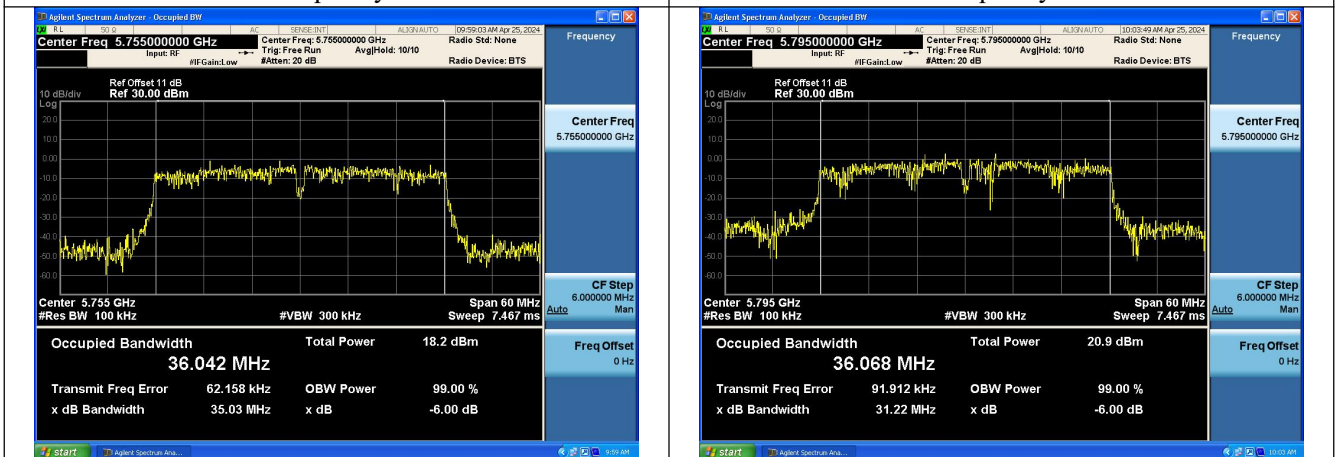
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0

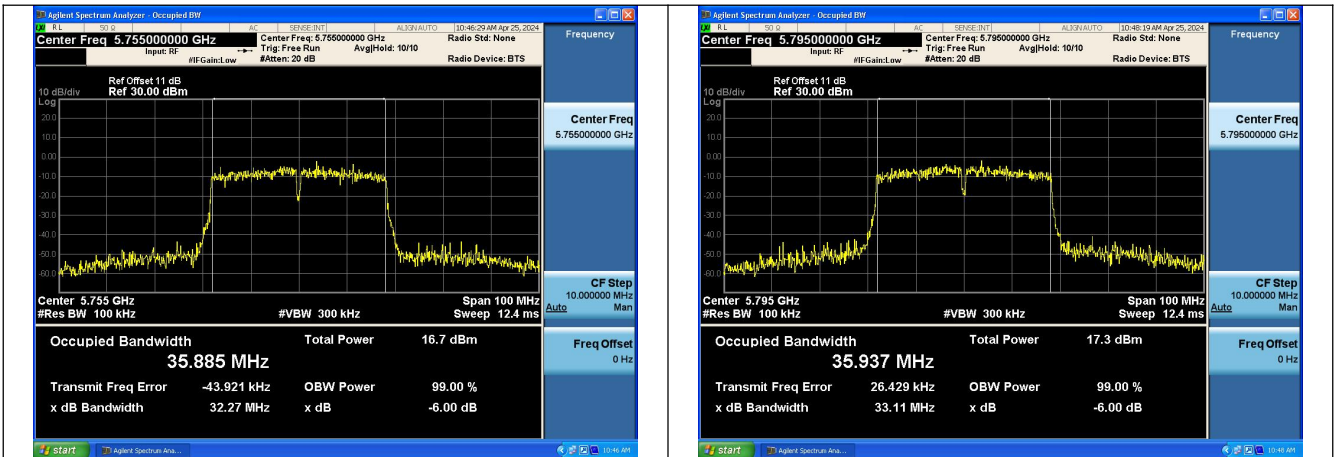
Mode:802.11n HT40 Frequency:5795MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5755MHz Ant:Chain1

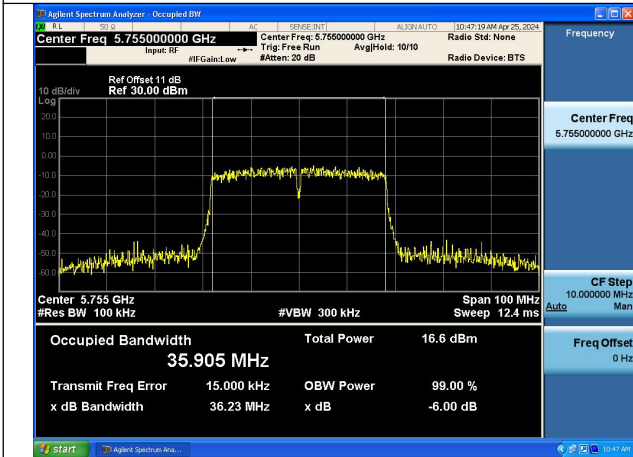
Mode:802.11n HT40 Frequency:5795MHz Ant:Chain1

Test Mode: 802.11ac VHT40

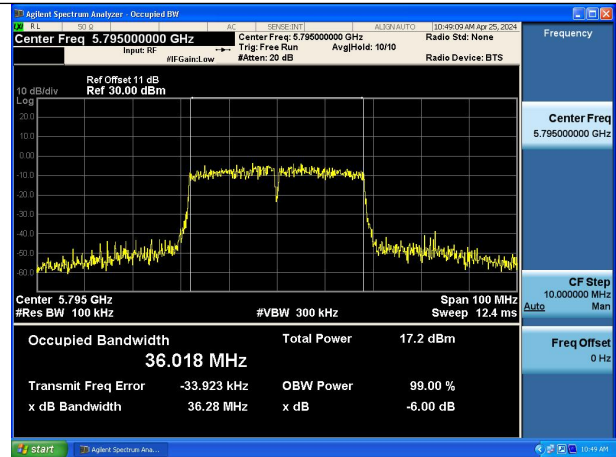


Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain0

Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain0

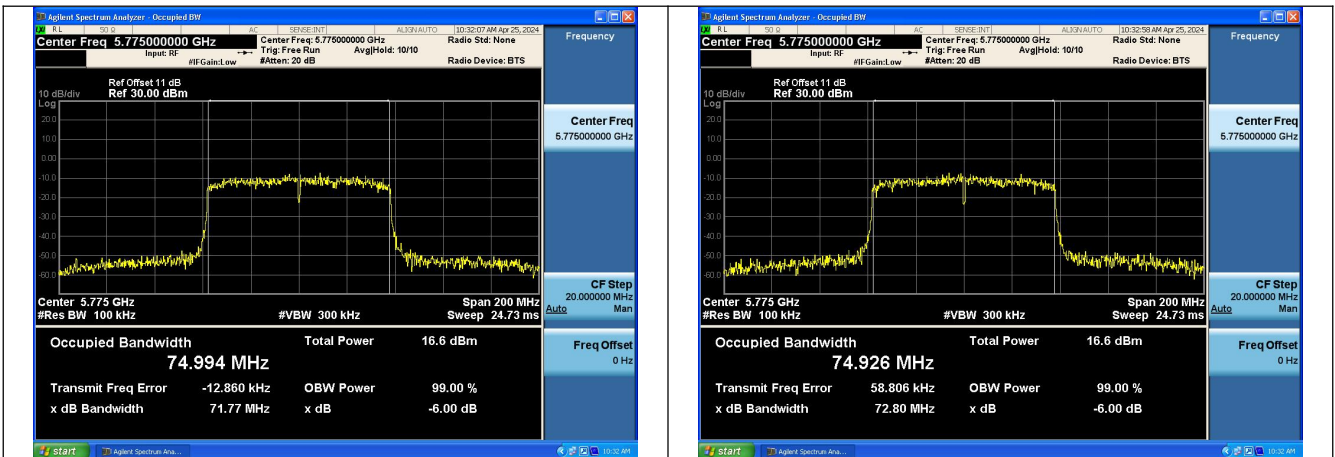


Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain1



Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5775MHz
Ant:Chain0

Mode:802.11ac VHT80 Frequency:5775MHz
Ant:Chain1

Transmitter Power Spectral Density

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

Test Mode	Antenna	Tones	5745MHz		5785MHz		5825MHz	
			Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)
802.11a	Chain0	NA	0	3.723	0	4.122	0	4.113
802.11a	Chain1	NA	0	3.675	0	4.102	0	4.269
802.11n HT20	Chain0	NA	0	3.387	0	4.111	0	4.278
802.11n HT20	Chain1	NA	0	3.353	0	4.068	0	4.501
802.11n HT20	MIMO	NA	0	6.380	0	7.100	0	7.401
802.11ac VHT20	Chain0	NA	0	3.450	0	3.956	0	4.259
802.11ac VHT20	Chain1	NA	0	3.550	0	3.956	0	4.439
802.11ac VHT20	MIMO	NA	0	6.511	0	6.966	0	7.360

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Test Mode	Antenna	Tones	5755MHz		---		5795MHz	
			Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)
802.11n HT40	Chain0	NA	0.11	-2.178	---	---	0.11	0.690
802.11n HT40	Chain1	NA	0.11	-2.275	---	---	0.11	1.380
802.11n HT40	MIMO	NA	0.11	0.784	---	---	0.11	4.059
802.11ac VHT40	Chain0	NA	0.11	2.030	---	---	0.11	2.951
802.11ac VHT40	Chain1	NA	0.11	2.153	---	---	0.11	2.912
802.11ac VHT40	MIMO	NA	0.11	5.102	---	---	0.11	5.942

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Test Mode	Antenna	Tones	5775MHz		---		---	
			Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)
802.11ac VHT80	Chain0	NA	0.16	-2.071	---	---	---	---
802.11ac VHT80	Chain1	NA	0.16	-2.243	---	---	---	---
802.11ac VHT80	MIMO	NA	0.16	0.854	---	---	---	---

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Test Mode: 802.11a

