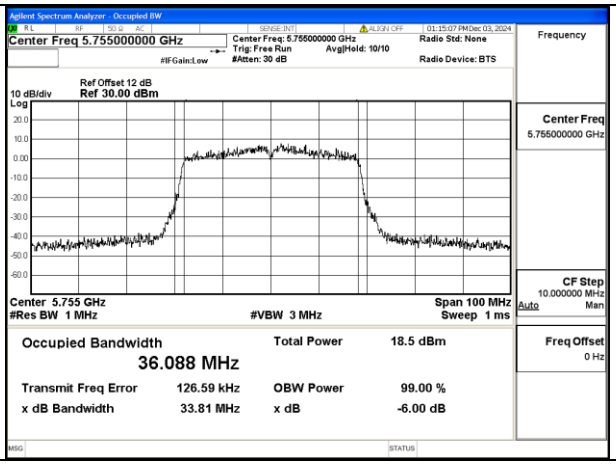
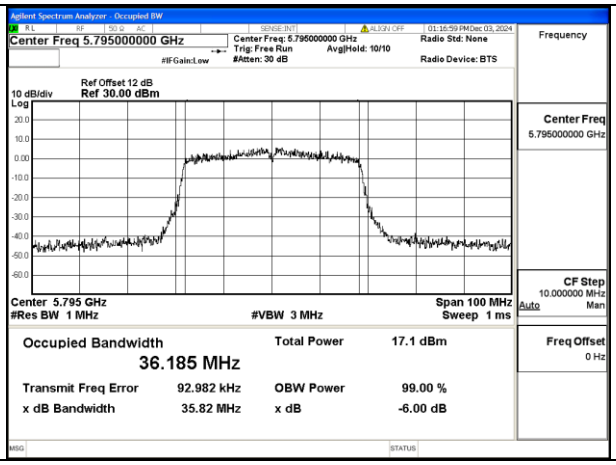
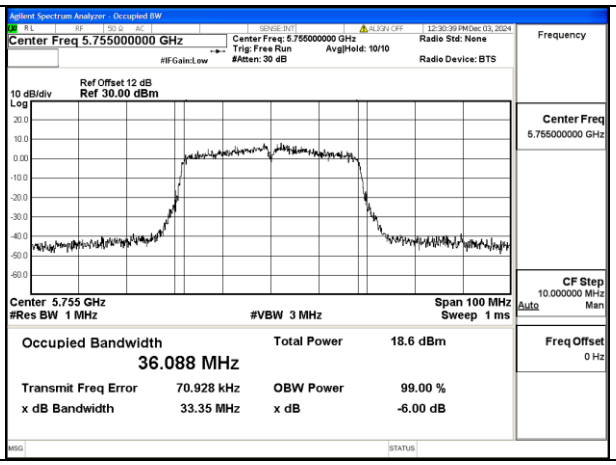
Test Mode: 802.11ac VHT40



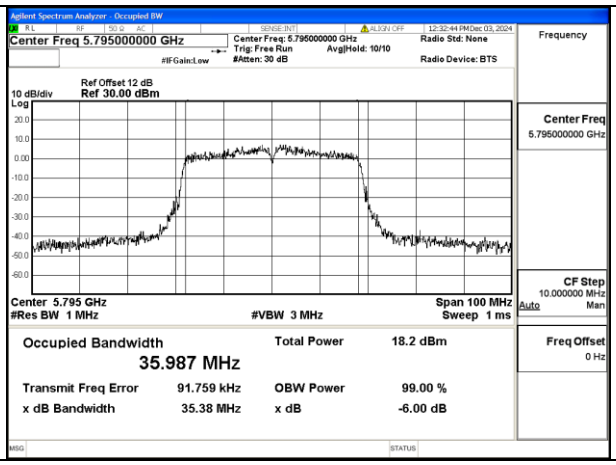
Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain0



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

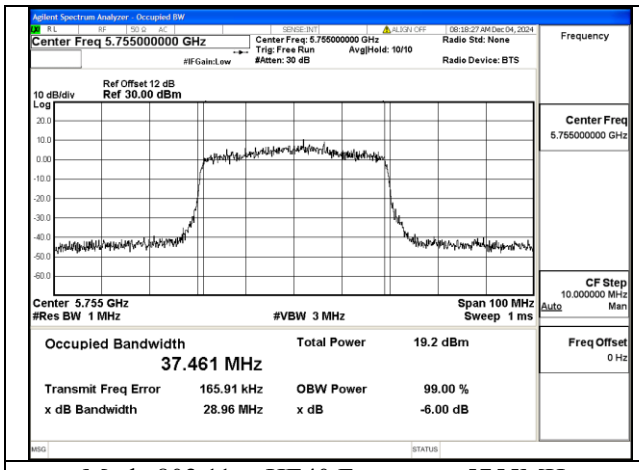


Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain1

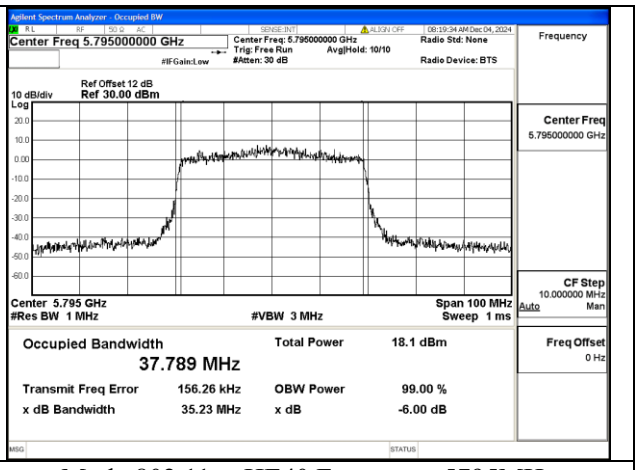


Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain1

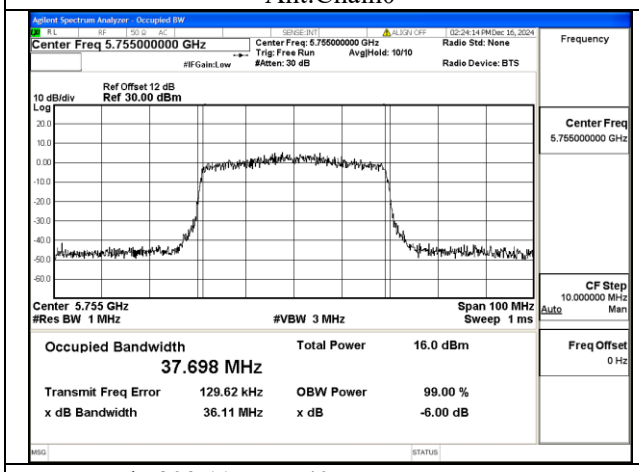
Test Mode: 802.11ax HE40



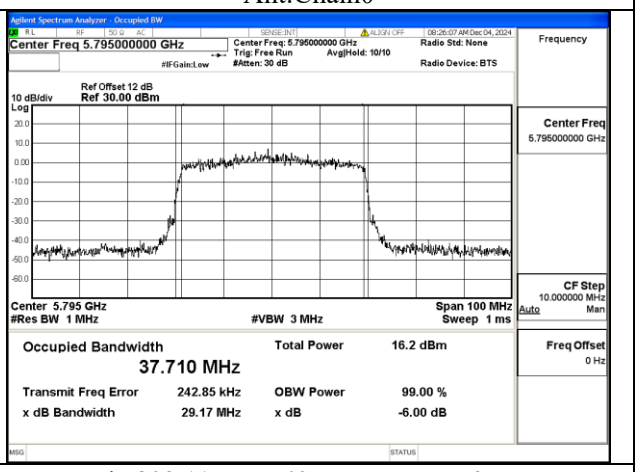
Mode:802.11ax HE40 Frequency:5755MHz
Ant:Chain0



Mode:802.11ax HE40 Frequency:5795MHz
Ant:Chain0

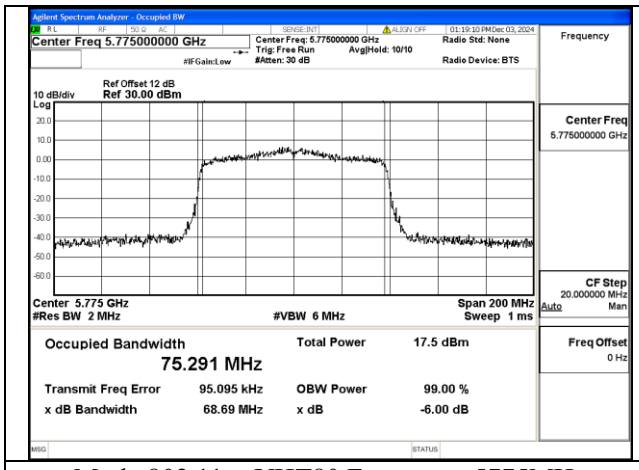


Mode:802.11ax HE40 Frequency:5755MHz
Ant:Chain1

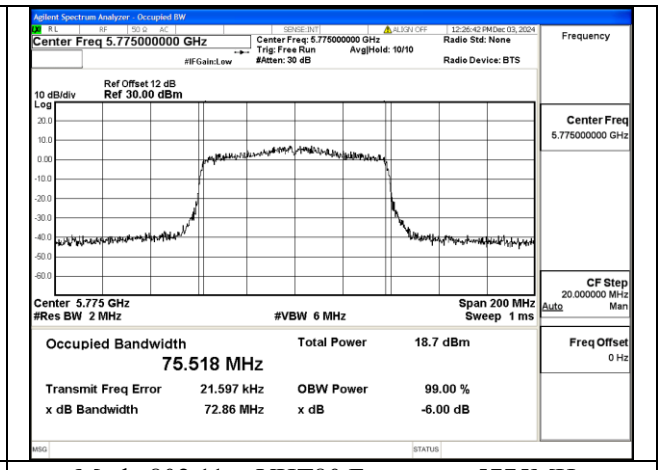


Mode:802.11ax HE40 Frequency:5795MHz
Ant:Chain1

Test Mode: 802.11ac VHT80

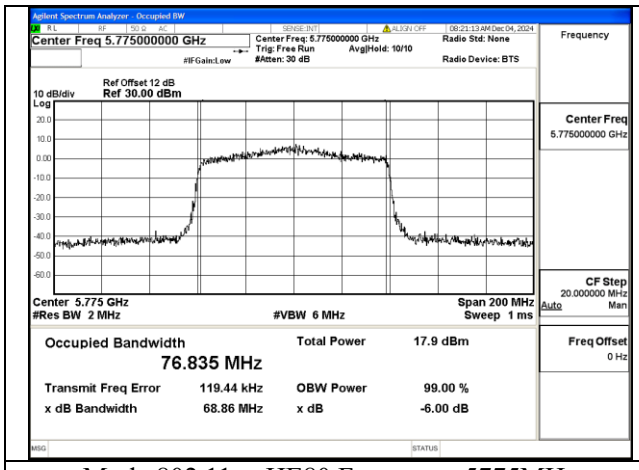


Mode:802.11ac VHT80 Frequency:5775MHz
Ant:Chain0

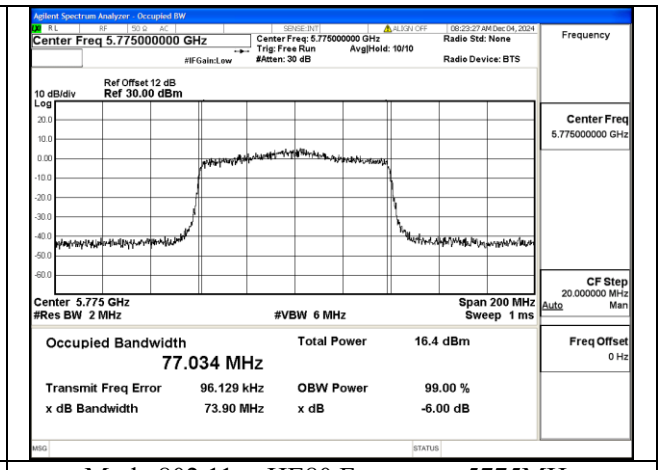


Mode:802.11ac VHT80 Frequency:5775MHz
Ant:Chain1

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Frequency:5775MHz
Ant:Chain0



Mode:802.11ax HE80 Frequency:5775MHz
Ant:Chain1

6dB Bandwidth

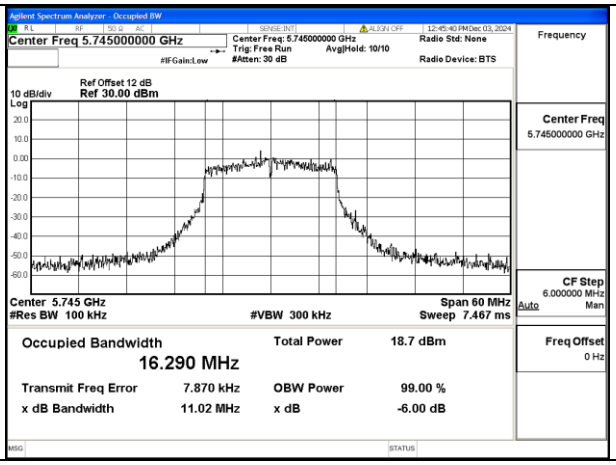
Offset 12dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	11.02	15.81	14.67
802.11a	Chain1	16.06	15.42	15.94
802.11n HT20	Chain0	17.50	15.11	11.23
802.11n HT20	Chain1	15.08	16.69	17.00
802.11ac VHT20	Chain0	17.58	15.50	16.60
802.11ac VHT20	Chain1	13.23	16.38	16.62
802.11ax HE20	Chain0	17.65	15.92	17.25
802.11ax HE20	Chain1	16.83	17.46	17.37

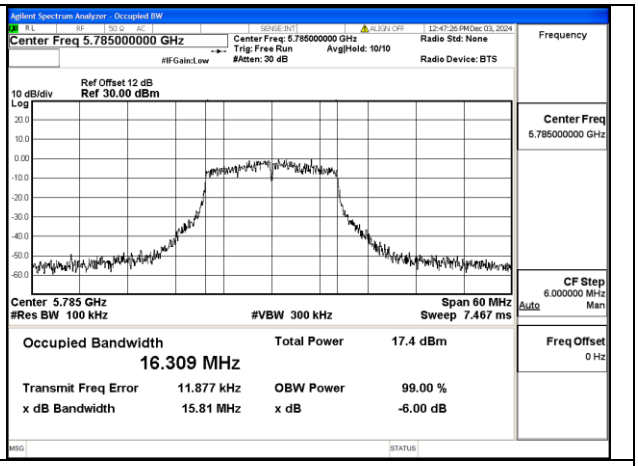
Test Mode	Antenna	6dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	35.94	---	36.03
802.11n HT40	Chain1	34.18	---	34.36
802.11ac VHT40	Chain0	35.94	---	28.55
802.11ac VHT40	Chain1	35.44	---	36.32
802.11ax HE40	Chain0	36.24	---	36.99
802.11ax HE40	Chain1	34.13	---	37.74

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	62.29	---	---
802.11ac VHT80	Chain1	66.63	---	---
802.11ax HE80	Chain0	59.76	---	---
802.11ax HE80	Chain1	75.35	---	---

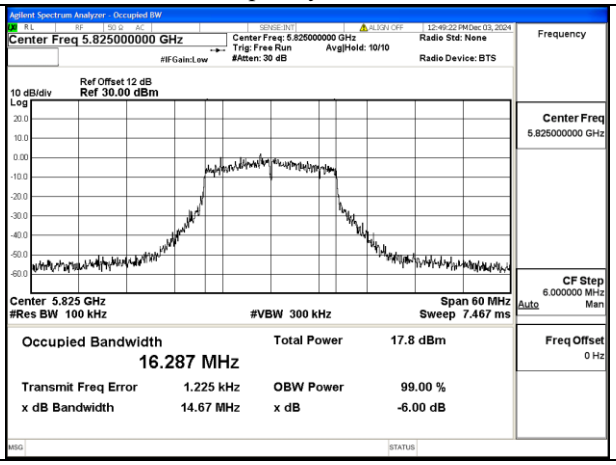
Test Mode: 802.11a



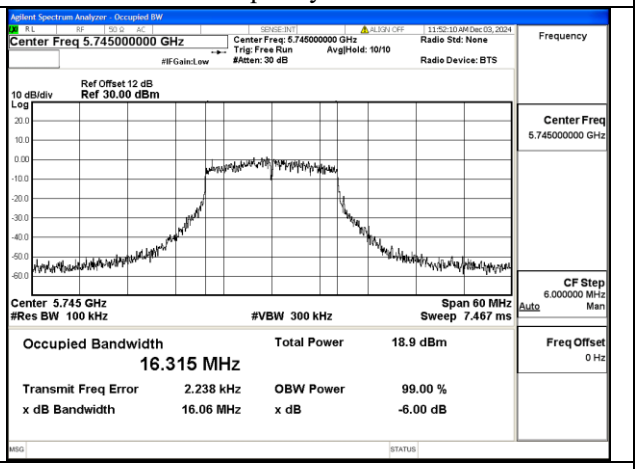
Mode:802.11a Frequency:5745MHz Ant:Chain0



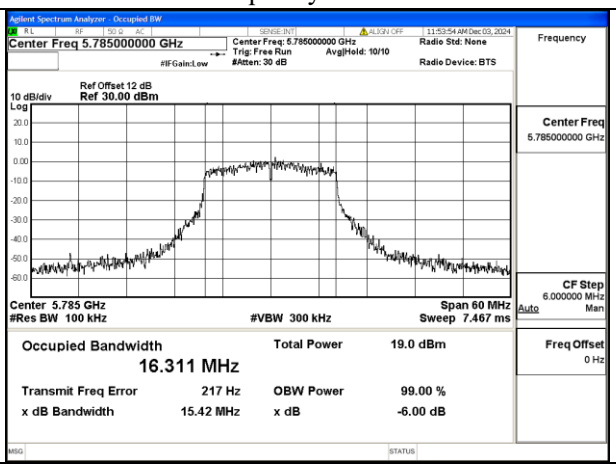
Mode:802.11a Frequency:5785MHz Ant:Chain0



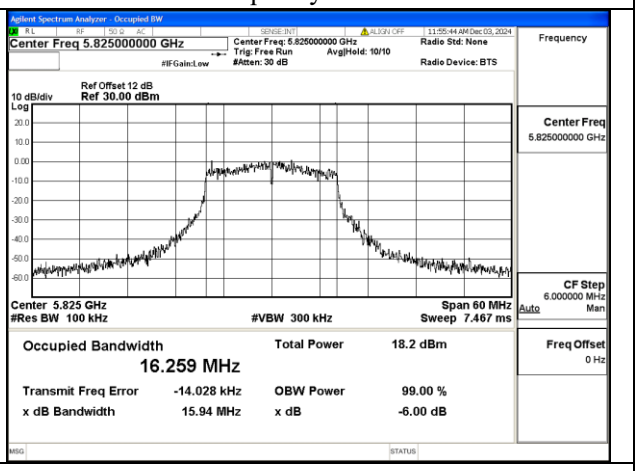
Mode:802.11a Frequency:5825MHz Ant:Chain0



Mode:802.11a Frequency:5745MHz Ant:Chain1

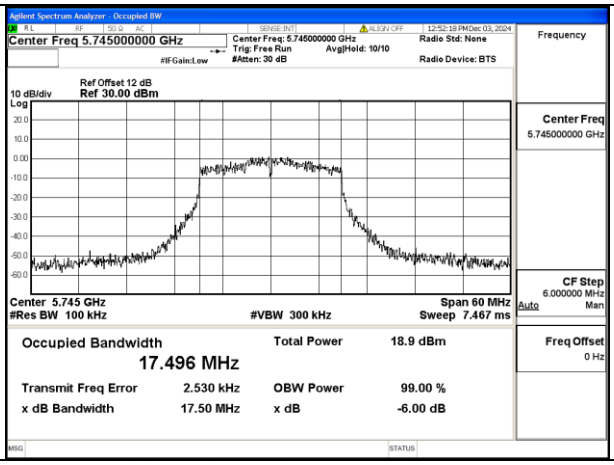


Mode:802.11a Frequency:5785MHz Ant:Chain1

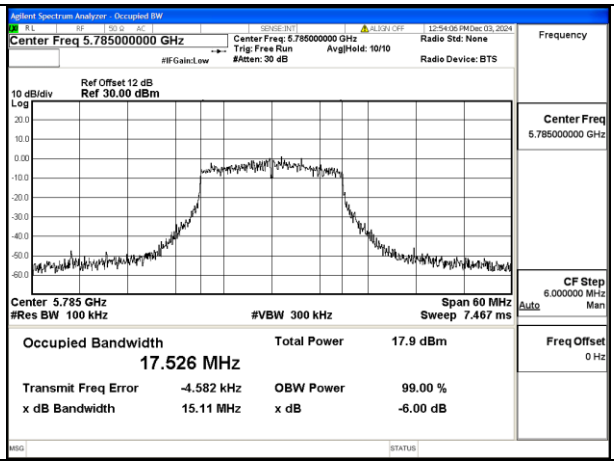


Mode:802.11a Frequency:5825MHz Ant:Chain1

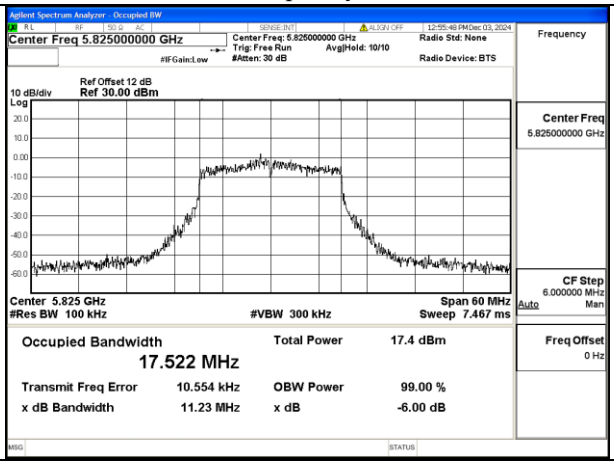
Test Mode: 802.11n HT20



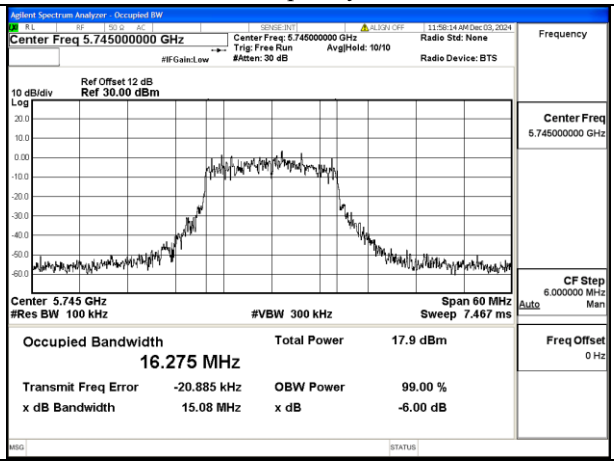
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0



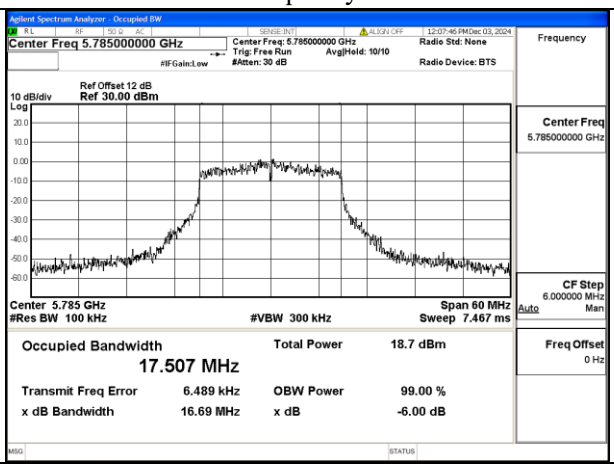
Mode:802.11n HT20 Frequency:5785MHz Ant:Chain0



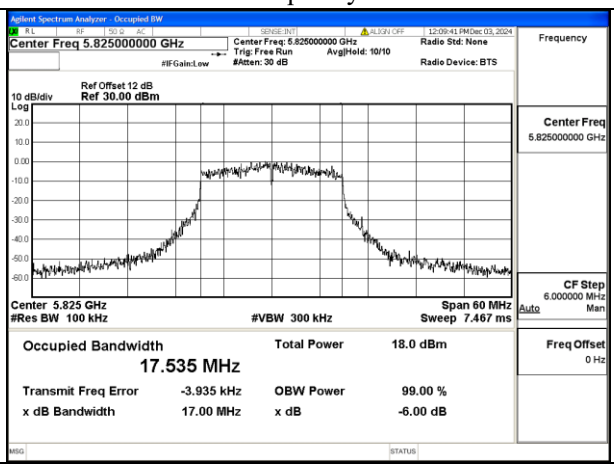
Mode:802.11n HT20 Frequency:5825MHz Ant:Chain0



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

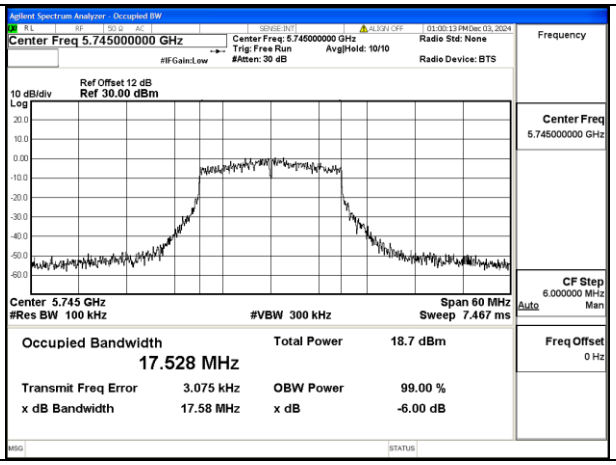


Mode:802.11n HT20 Frequency:5785MHz Ant:Chain1

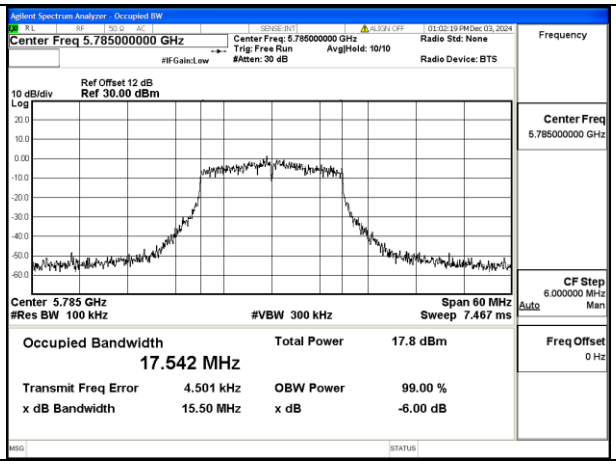


Mode:802.11n HT20 Frequency:5825MHz Ant:Chain1

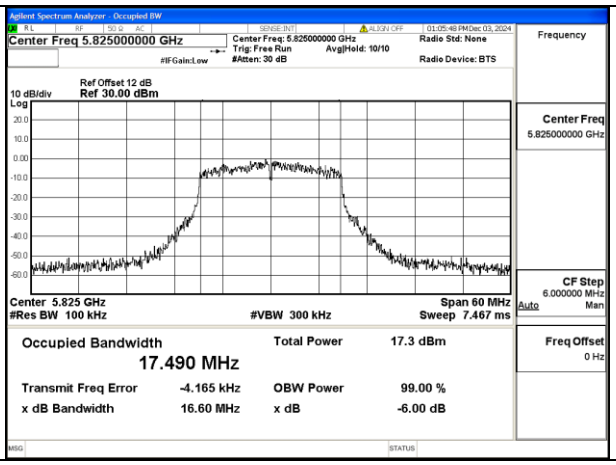
Test Mode: 802.11ac VHT20



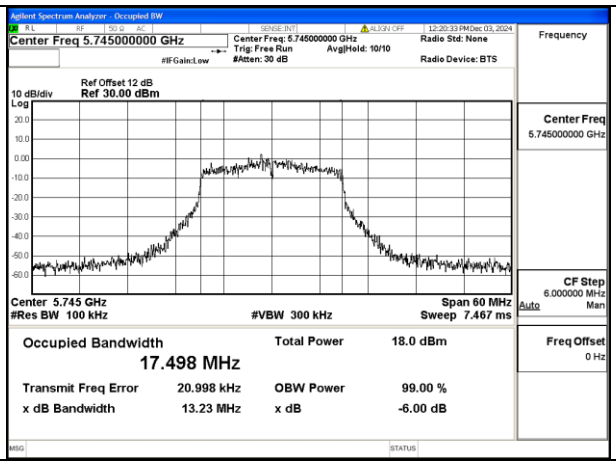
Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0



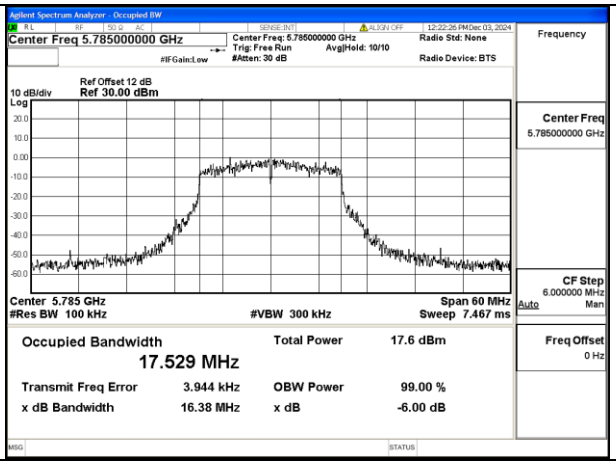
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



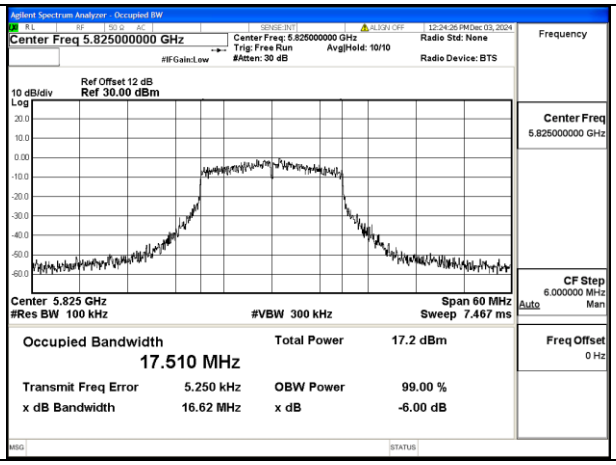
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



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

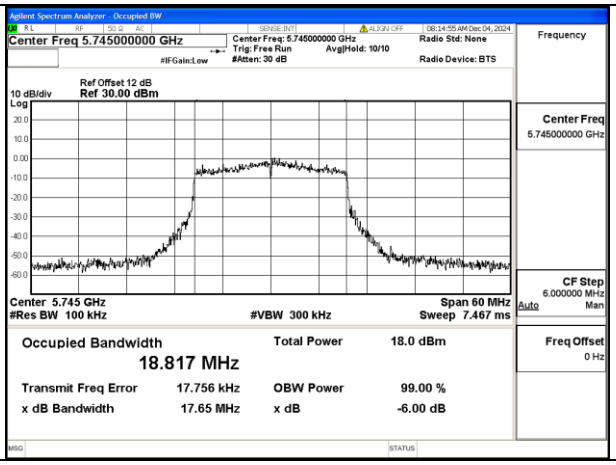


Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain1

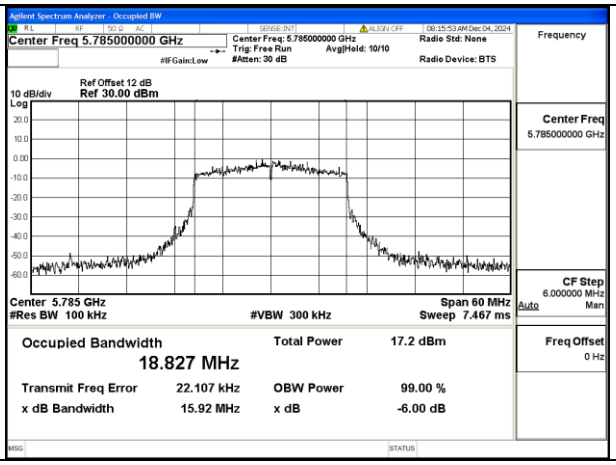


Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1

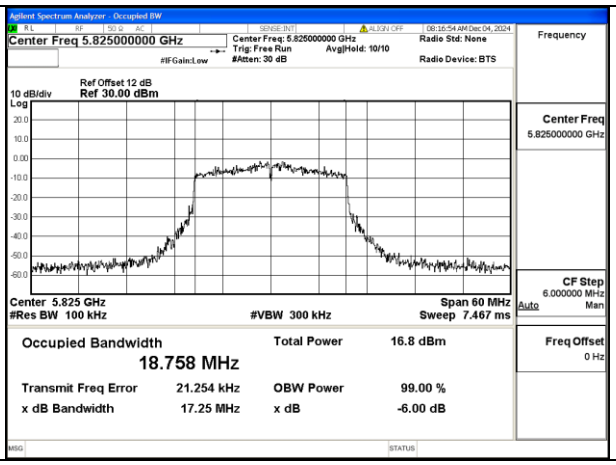
Test Mode: 802.11ax HE20



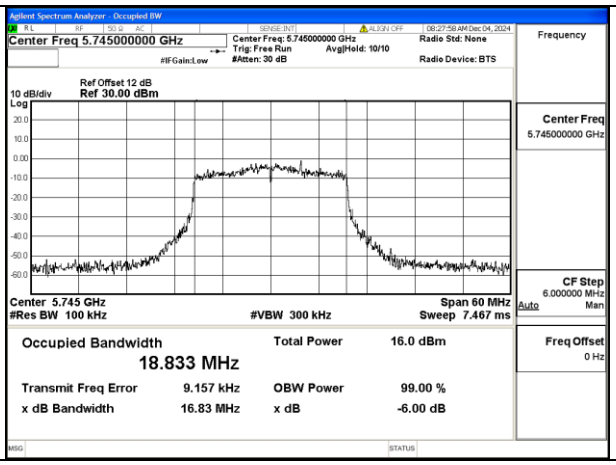
Mode:802.11ax HE20 Frequency:5745MHz
Ant:Chain0



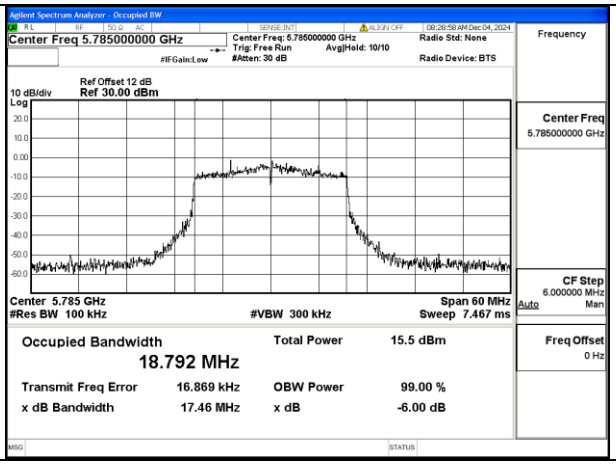
Mode:802.11ax HE20 Frequency:5785MHz
Ant:Chain0



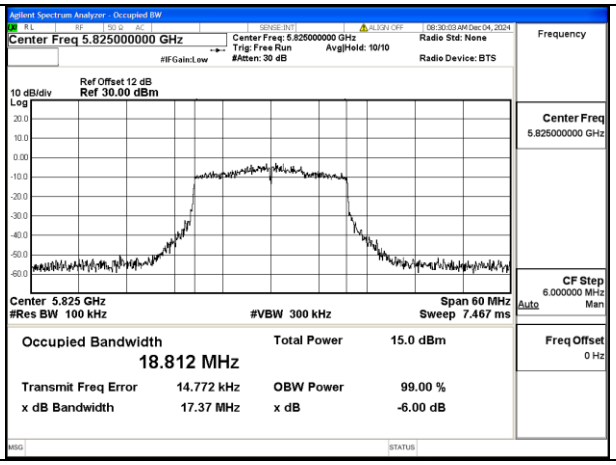
Mode:802.11ax HE20 Frequency:5825MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5745MHz
Ant:Chain1

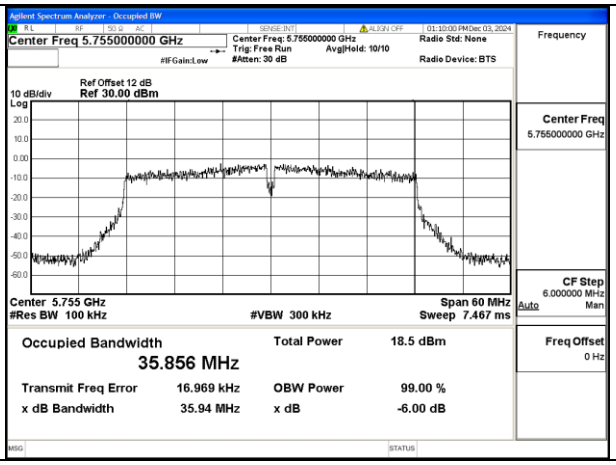


Mode:802.11ax HE20 Frequency:5785MHz
Ant:Chain1

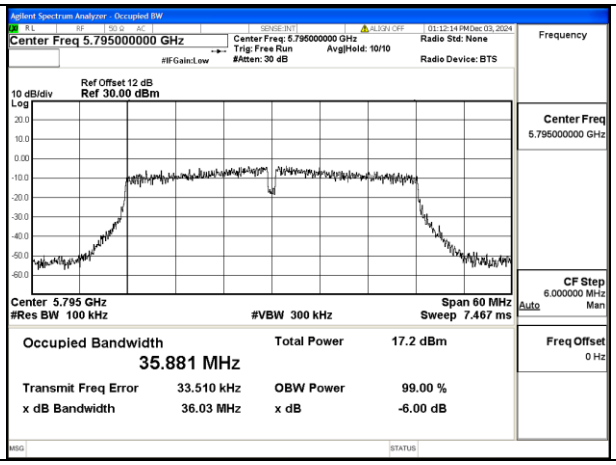


Mode:802.11ax HE20 Frequency:5825MHz
Ant:Chain1

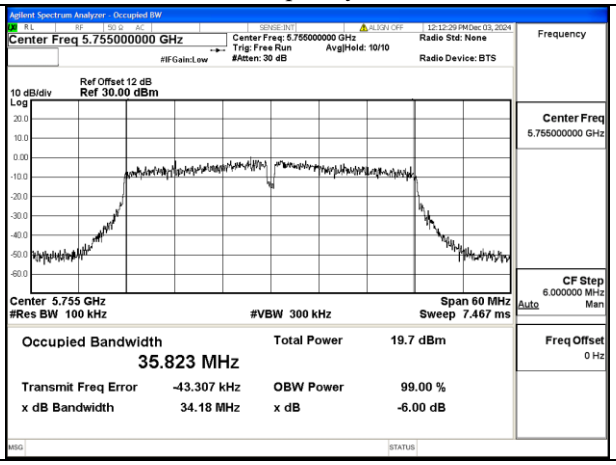
Test Mode: 802.11n HT40



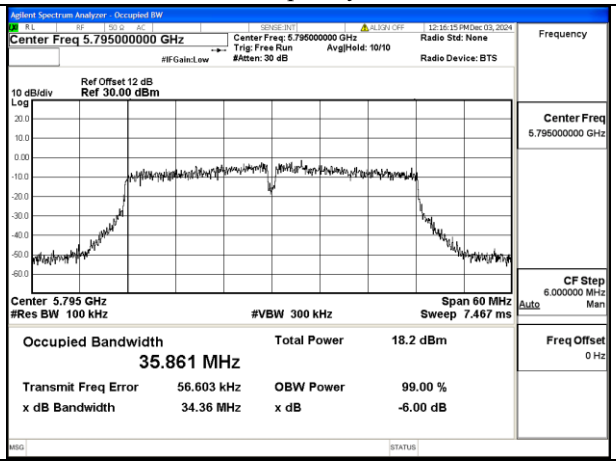
Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0



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

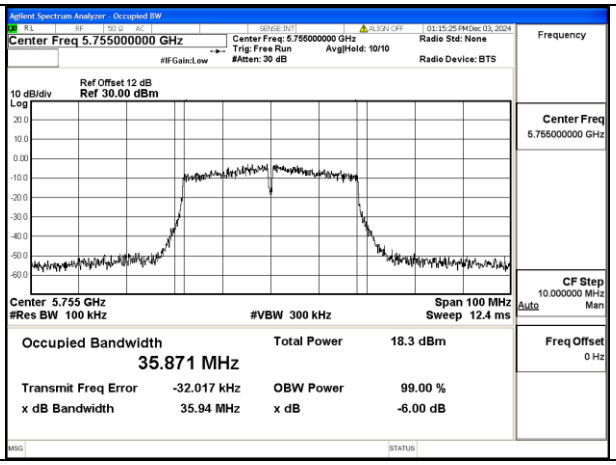


Mode:802.11n HT40 Frequency:5755MHz Ant:Chain1

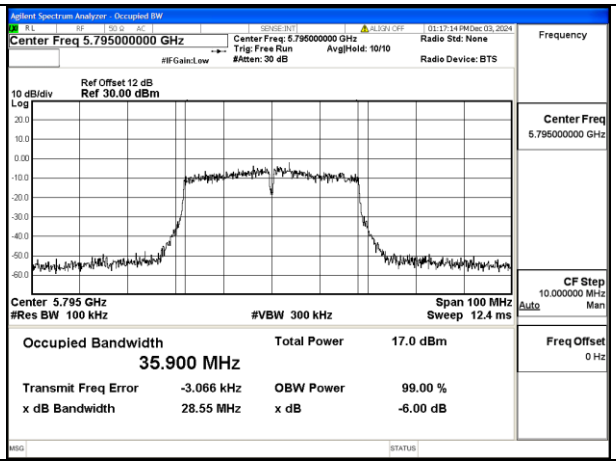


Mode:802.11n HT40 Frequency:5795MHz Ant:Chain1

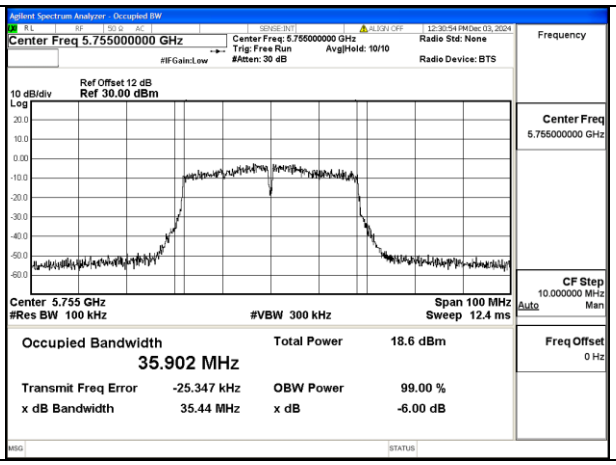
Test Mode: 802.11ac VHT40



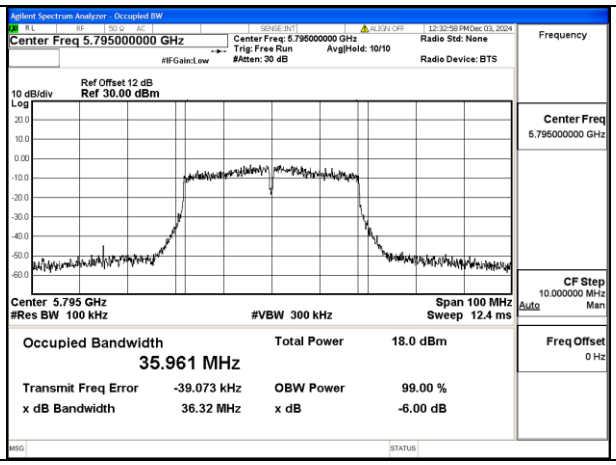
Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain0



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

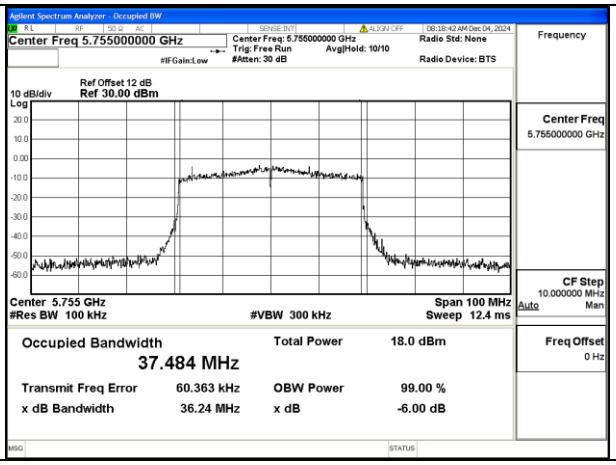


Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain1

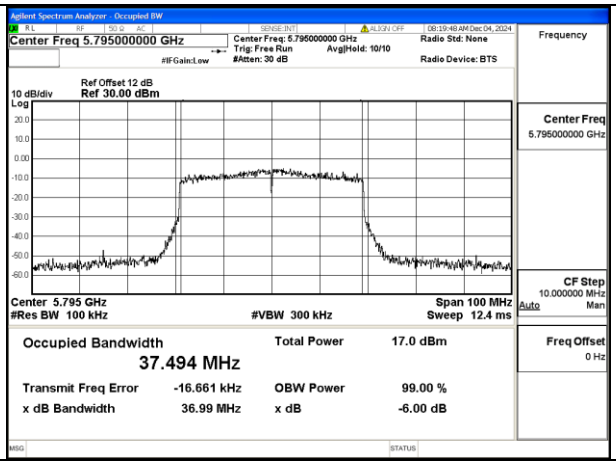


Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain1

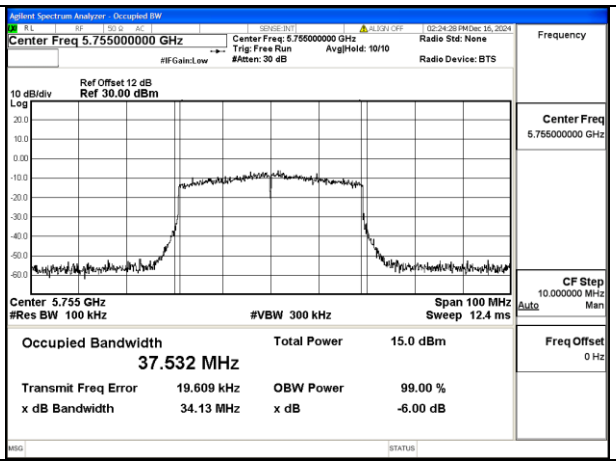
Test Mode: 802.11ax HE40



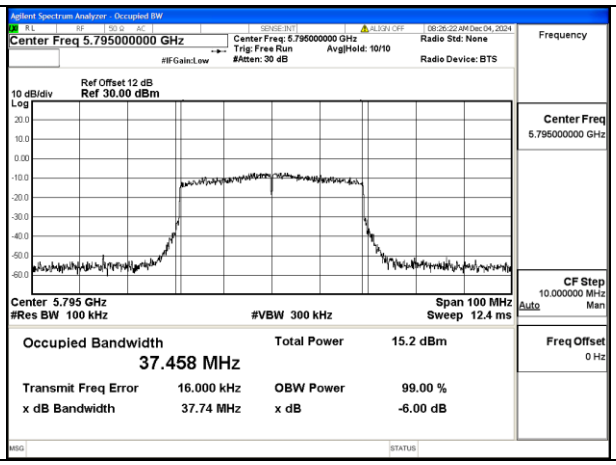
Mode:802.11ax HE40 Frequency:5755MHz
Ant:Chain0



Mode:802.11ax HE40 Frequency:5795MHz
Ant:Chain0

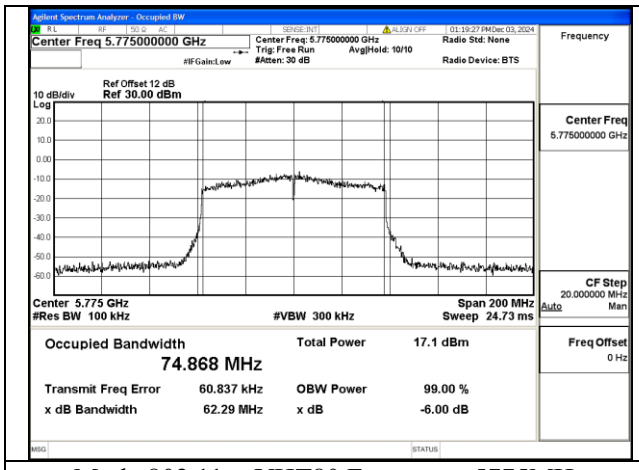


Mode:802.11ax HE40 Frequency:5755MHz
Ant:Chain1

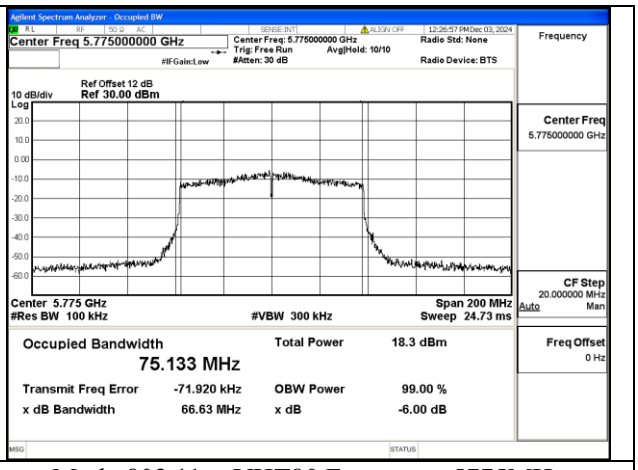


Mode:802.11ax HE40 Frequency:5795MHz
Ant:Chain1

Test Mode: 802.11ac VHT80

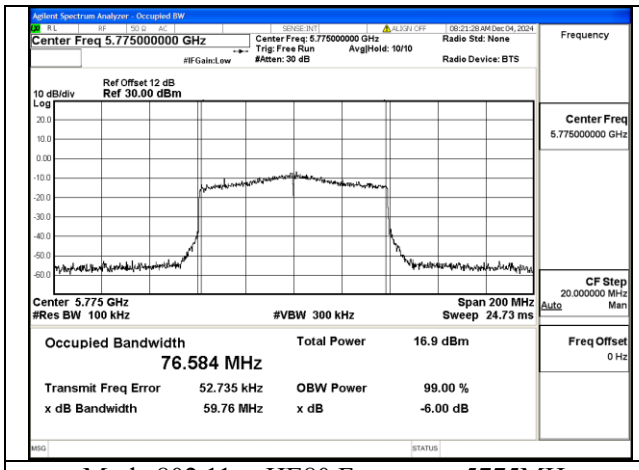


Mode:802.11ac VHT80 Frequency:5775MHz
Ant:Chain0

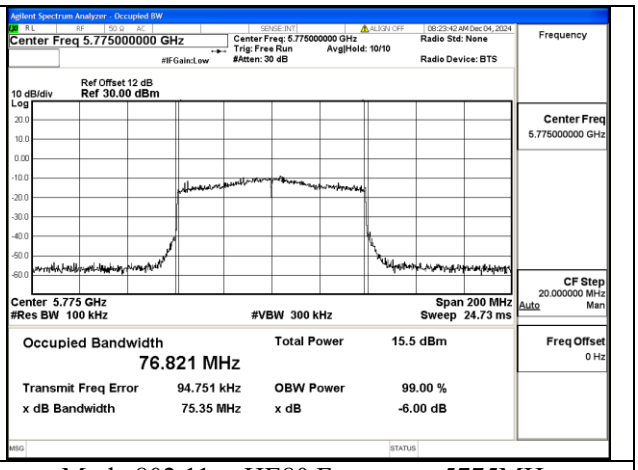


Mode:802.11ac VHT80 Frequency:5775MHz
Ant:Chain1

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Frequency:5775MHz
Ant:Chain0



Mode:802.11ax HE80 Frequency:5775MHz
Ant:Chain1

Transmitter Power Spectral Density

Offset 12dB = 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	0.00	4.068	0.00	2.822	0.00	3.279
802.11a	Chain1	NA	0.00	4.343	0.00	4.263	0.00	3.539
802.11n HT20	Chain0	NA	0.00	3.676	0.00	2.652	0.00	2.286
802.11n HT20	Chain1	NA	0.51	5.205	0.51	4.244	0.51	3.522
802.11n HT20	MIMO	NA	0.51	7.518	0.51	6.531	0.51	5.958
802.11ac VHT20	Chain0	NA	0.00	3.731	0.00	2.738	0.00	2.354
802.11ac VHT20	Chain1	NA	0.00	2.868	0.00	2.545	0.00	2.246
802.11ac VHT20	MIMO	NA	0.00	6.331	0.00	5.653	0.00	5.311
802.11ax HE20	Chain0	242T	0.00	2.482	0.00	2.169	0.00	1.959
802.11ax HE20	Chain1	242T	0.00	2.347	0.00	2.507	0.00	1.978
802.11ax HE20	MIMO	242T	0.00	5.425	0.00	5.352	0.00	4.979

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

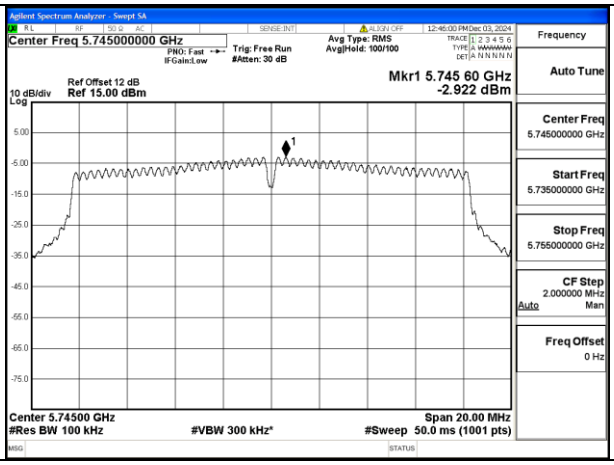
Test Mode	Antenna	Tones	5755MHz		---		5795MHz	
			Correction Factor (dB)	Power Density (dBm/ 500KHz)	Correction Factor (dB)	Power Density (dBm/ 500KHz)	Correction Factor (dB)	Power Density (dBm/ 500KHz)
802.11n HT40	Chain0	NA	0.00	0.696	---	---	0.00	-0.922
802.11n HT40	Chain1	NA	0.00	0.857	---	---	0.00	0.385
802.11n HT40	MIMO	NA	0.00	3.788	---	---	0.00	2.791
802.11ac VHT40	Chain0	NA	0.00	0.569	---	---	0.00	-0.912
802.11ac VHT40	Chain1	NA	0.00	0.706	---	---	0.00	0.269
802.11ac VHT40	MIMO	NA	0.00	3.648	---	---	0.00	2.729
802.11ax HE40	Chain0	484T	0.00	0.100	---	---	0.00	-0.505
802.11ax HE40	Chain1	484T	0.00	0.054	---	---	0.00	-0.105
802.11ax HE40	MIMO	484T	0.00	3.087	---	---	0.00	2.710

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

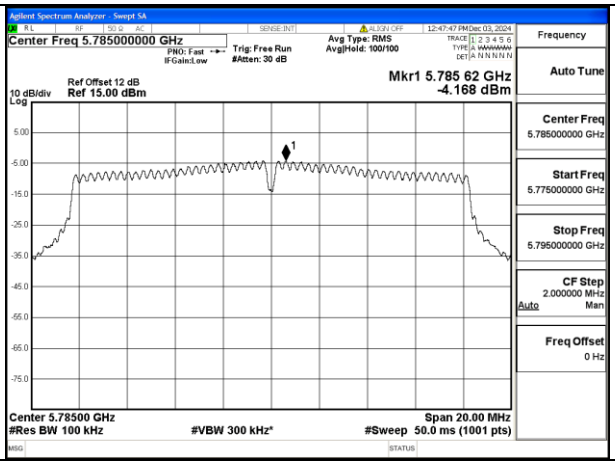
Test Mode	Antenna	Tones	5775MHz		---		---	
			Correction Factor (dB)	Power Density (dBm/ 500KHz)	Correction Factor (dB)	Power Density (dBm/ 500KHz)	Correction Factor (dB)	Power Density (dBm/ 500KHz)
802.11ac VHT80	Chain0	NA	0.00	-2.782	---	---	---	---
802.11ac VHT80	Chain1	NA	0.00	-1.590	---	---	---	---
802.11ac VHT80	MIMO	NA	0.00	0.865	---	---	---	---
802.11ax HE80	Chain0	996T	0.00	-2.908	---	---	---	---
802.11ax HE80	Chain1	996T	0.00	-2.703	---	---	---	---
802.11ax HE80	MIMO	996T	0.00	0.206	---	---	---	---

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

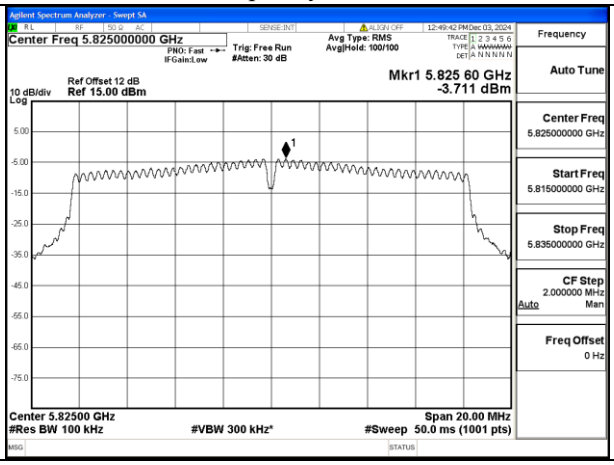
Test Mode: 802.11a



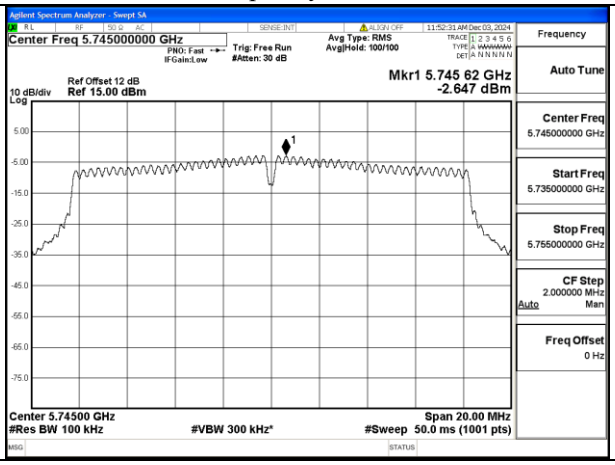
Mode:802.11a Frequency:5745MHz Ant:Chain0



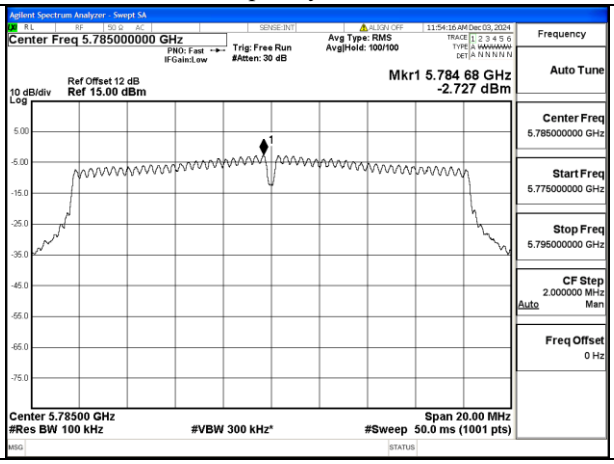
Mode:802.11a Frequency:5785MHz Ant:Chain0



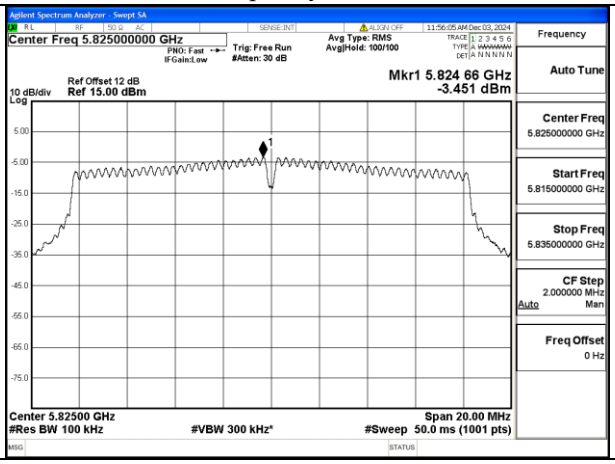
Mode:802.11a Frequency:5825MHz Ant:Chain0



Mode:802.11a Frequency:5745MHz Ant:Chain1

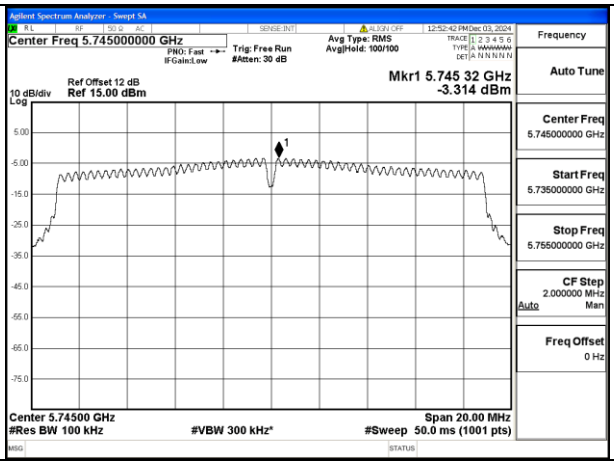


Mode:802.11a Frequency:5785MHz Ant:Chain1

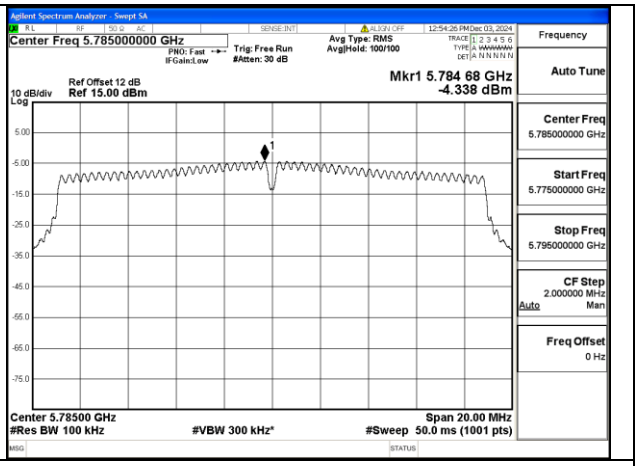


Mode:802.11a Frequency:5825MHz Ant:Chain1

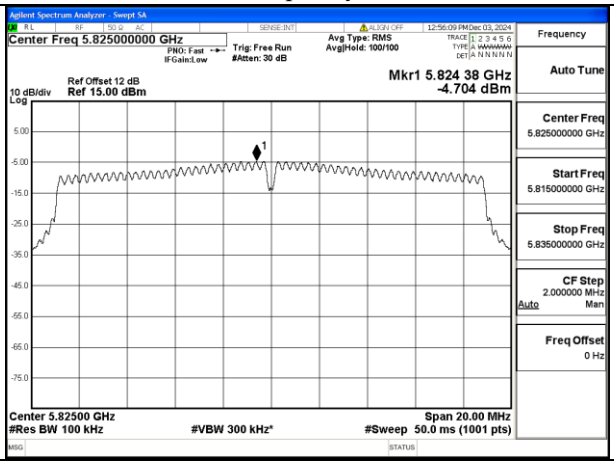
Test Mode: 802.11n HT20



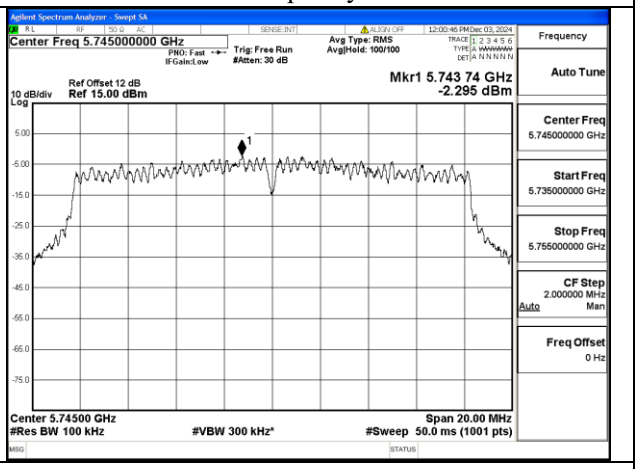
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0



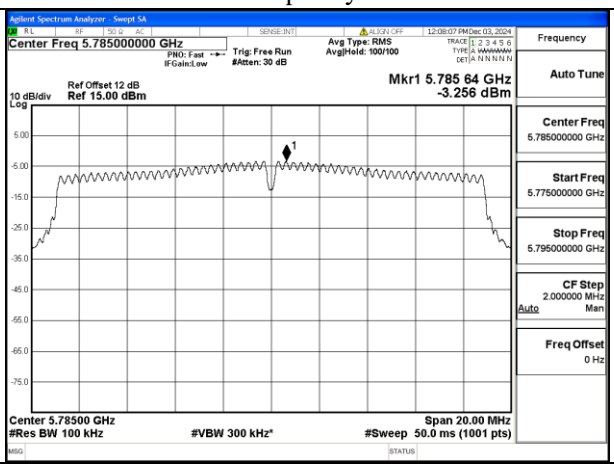
Mode:802.11n HT20 Frequency:5785MHz Ant:Chain0



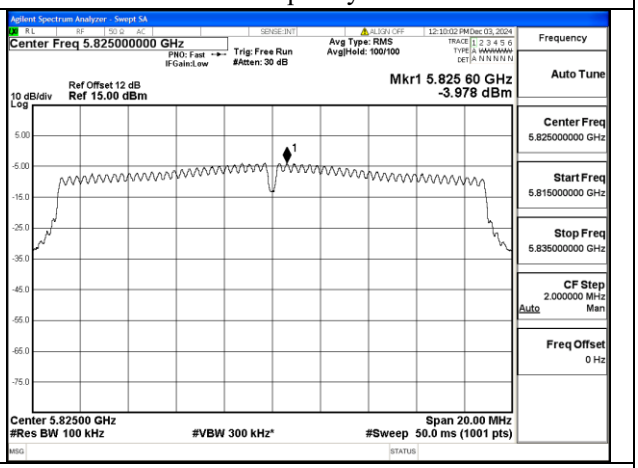
Mode:802.11n HT20 Frequency:5825MHz Ant:Chain0



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

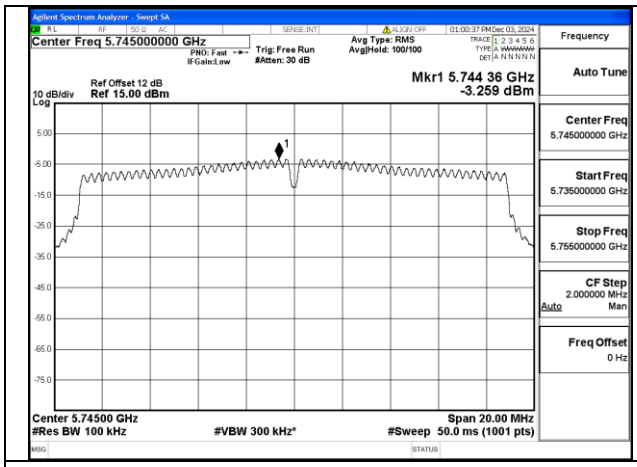


Mode:802.11n HT20 Frequency:5785MHz Ant:Chain1

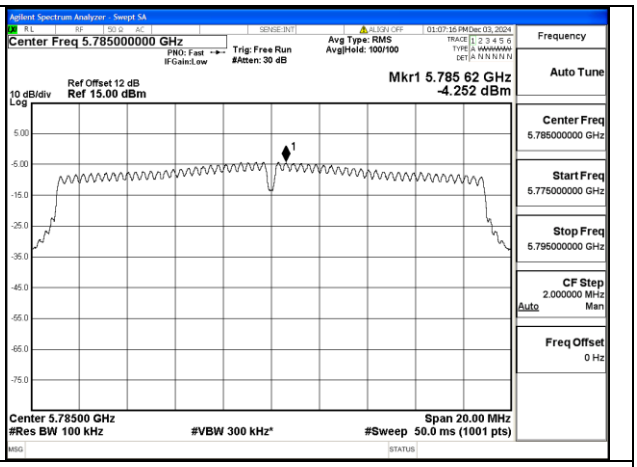


Mode:802.11n HT20 Frequency:5825MHz Ant:Chain1

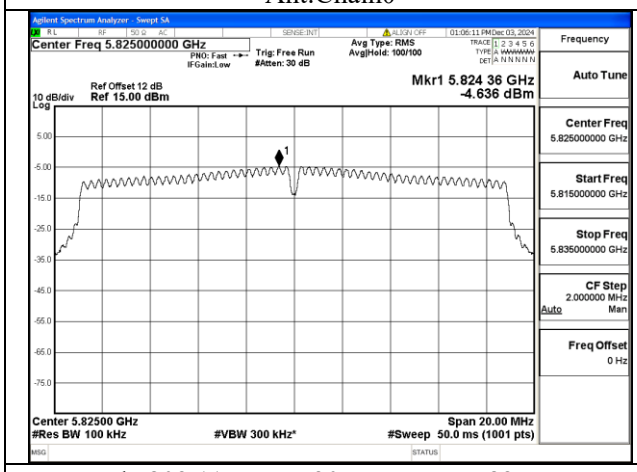
Test Mode: 802.11ac VHT20



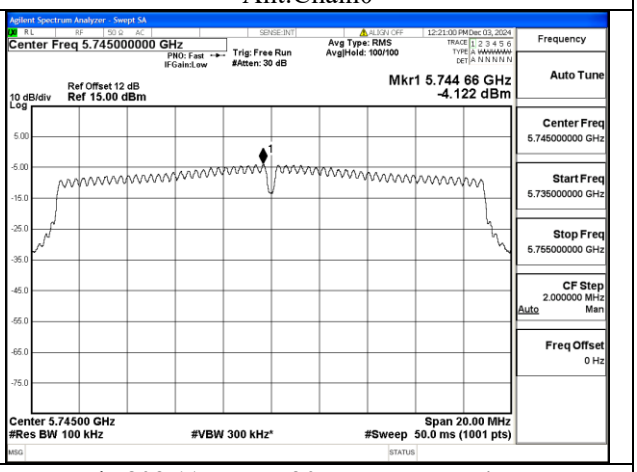
Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0



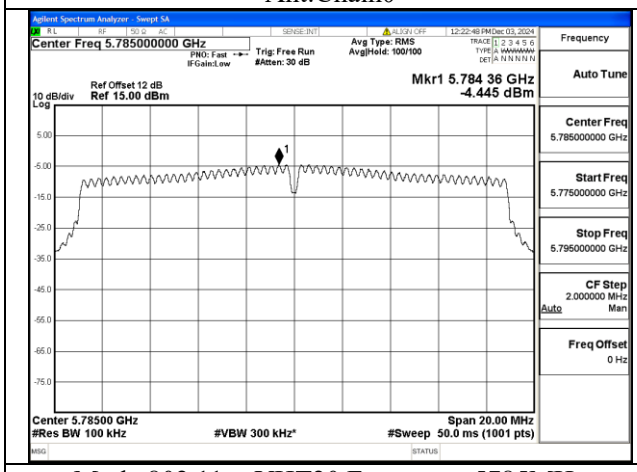
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



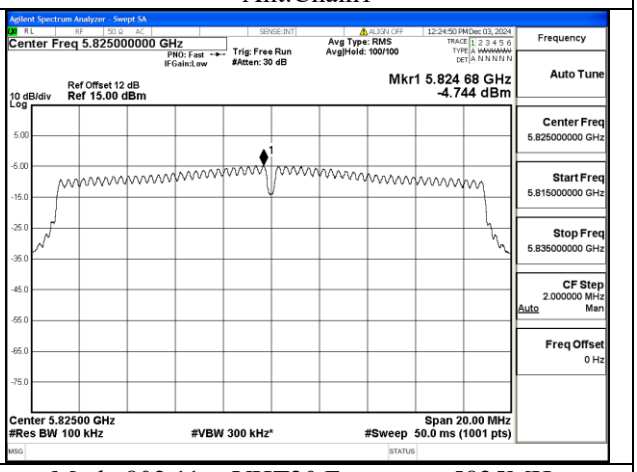
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



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

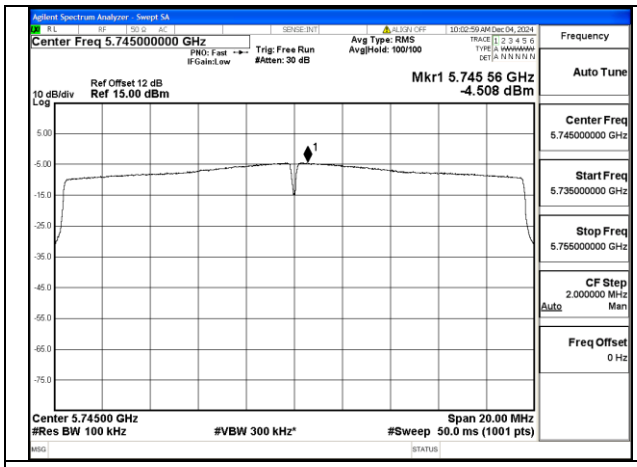


Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain1

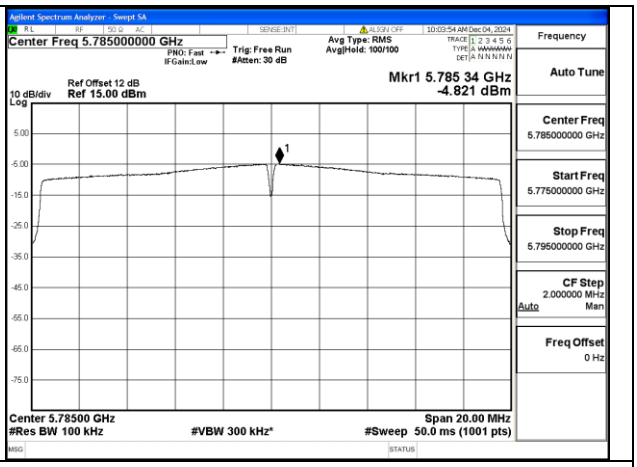


Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1

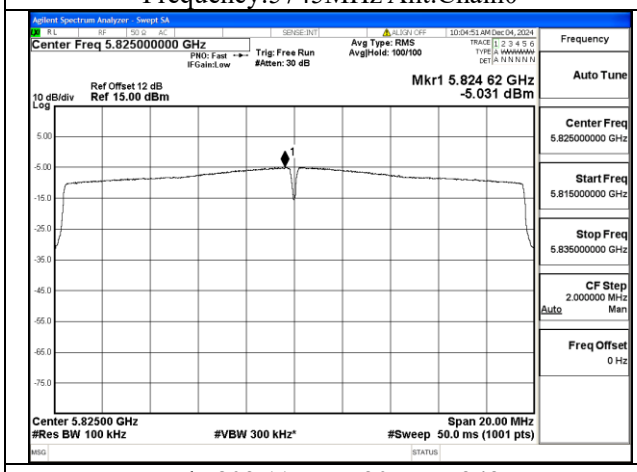
Test Mode: 802.11ax HE20



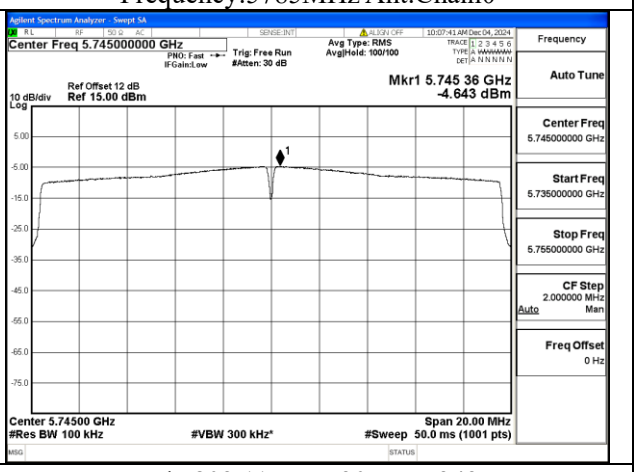
Mode:802.11ax HE20 Tone:242T
Frequency:5745MHz Ant:Chain0



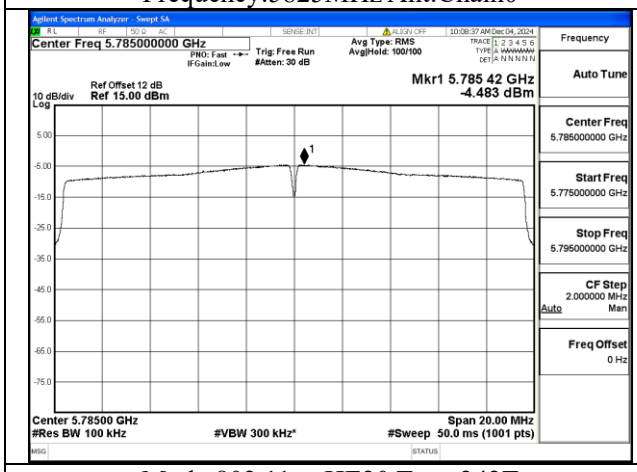
Mode:802.11ax HE20 Tone:242T
Frequency:5785MHz Ant:Chain0



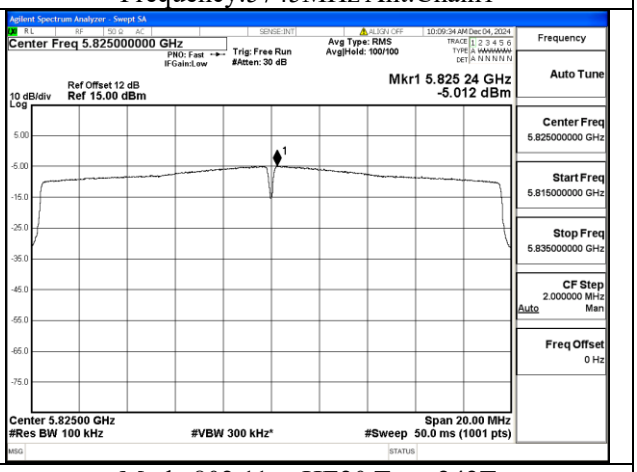
Mode:802.11ax HE20 Tone:242T
Frequency:5825MHz Ant:Chain0



Mode:802.11ax HE20 Tone:242T
Frequency:5745MHz Ant:Chain1

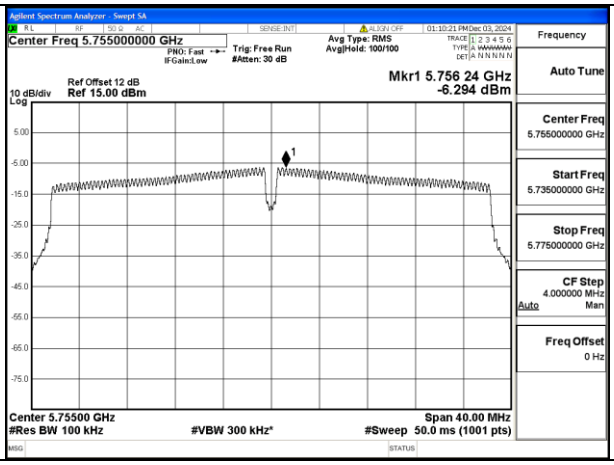


Mode:802.11ax HE20 Tone:242T
Frequency:5785MHz Ant:Chain1

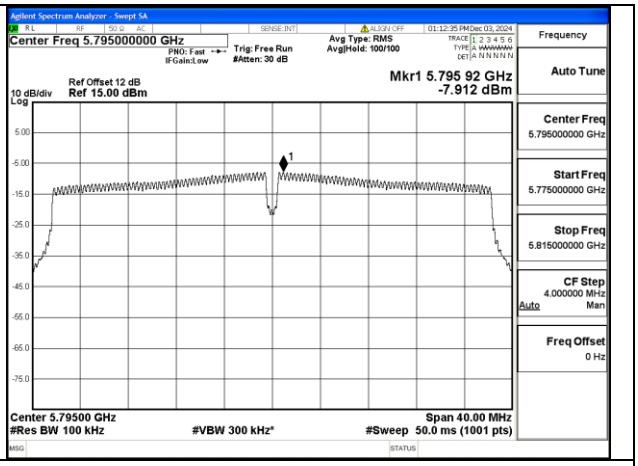


Mode:802.11ax HE20 Tone:242T
Frequency:5825MHz Ant:Chain1

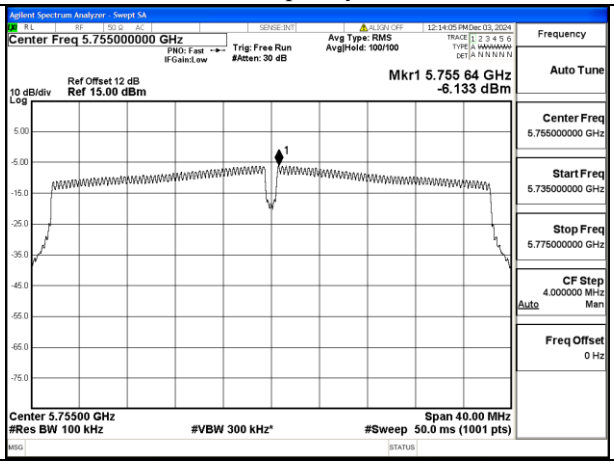
Test Mode: 802.11n HT40



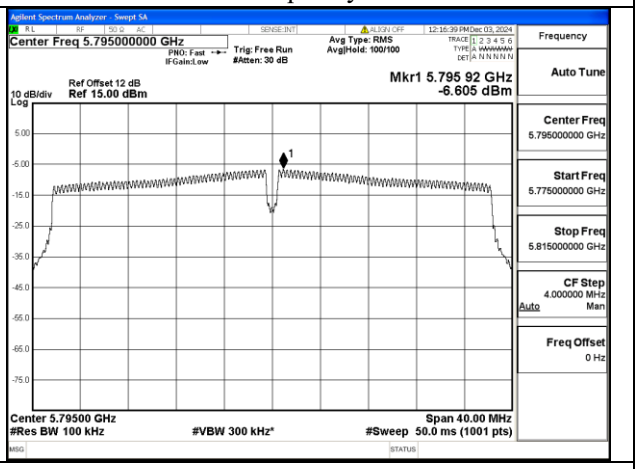
Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0



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

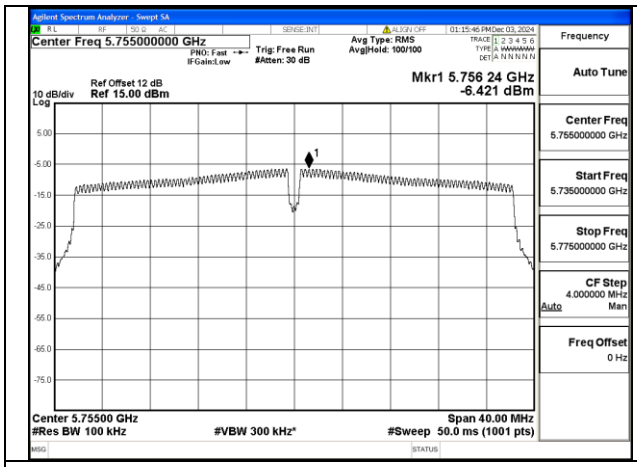


Mode:802.11n HT40 Frequency:5755MHz Ant:Chain1

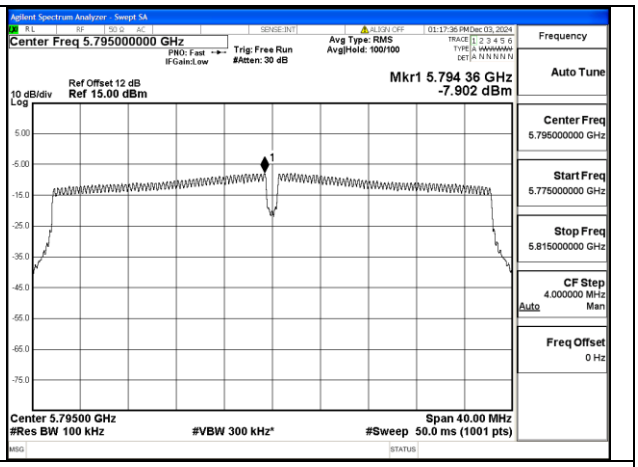


Mode:802.11n HT40 Frequency:5795MHz Ant:Chain1

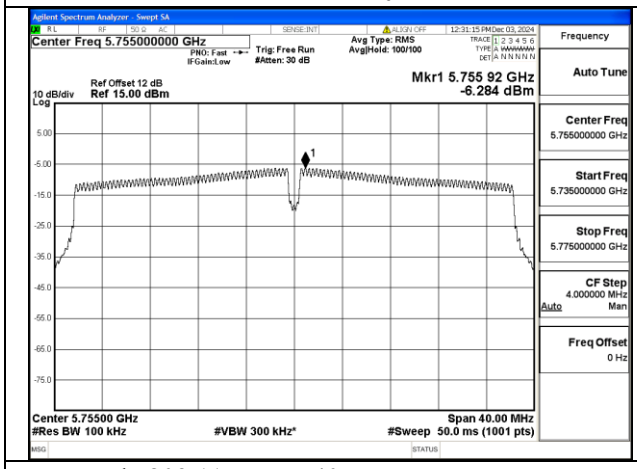
Test Mode: 802.11ac VHT40



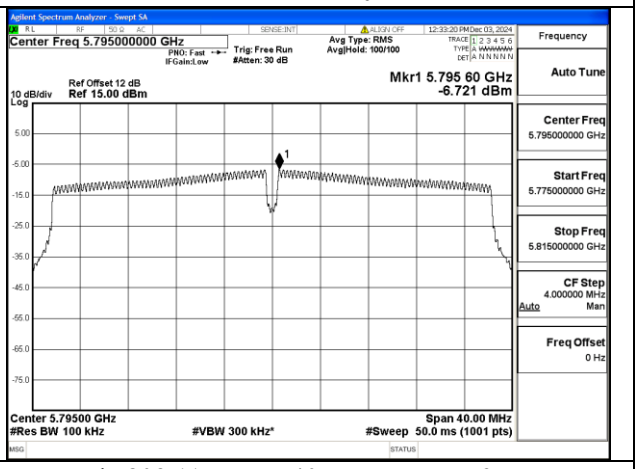
Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain0



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

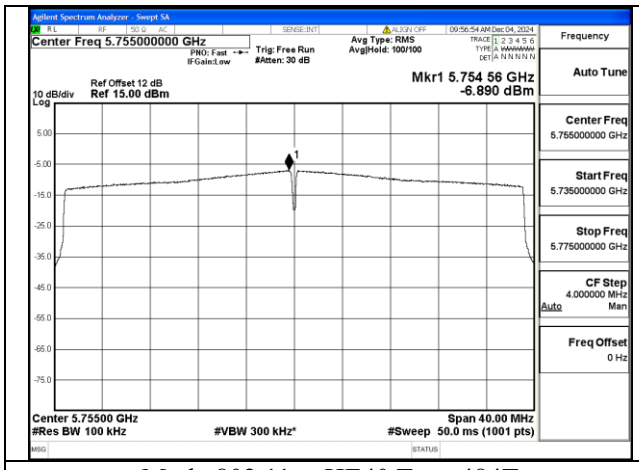


Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain1

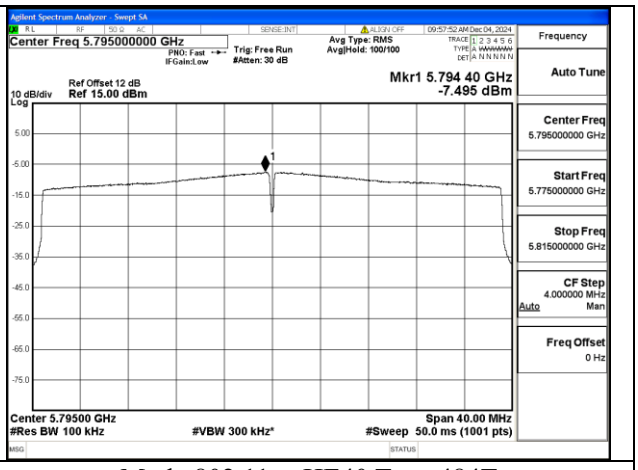


Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain1

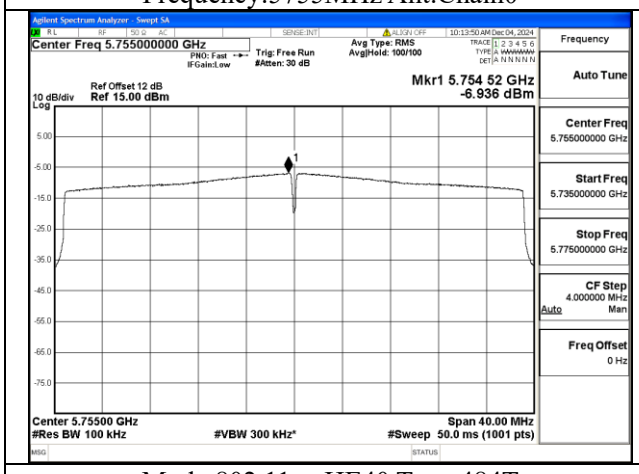
Test Mode: 802.11ax HE40



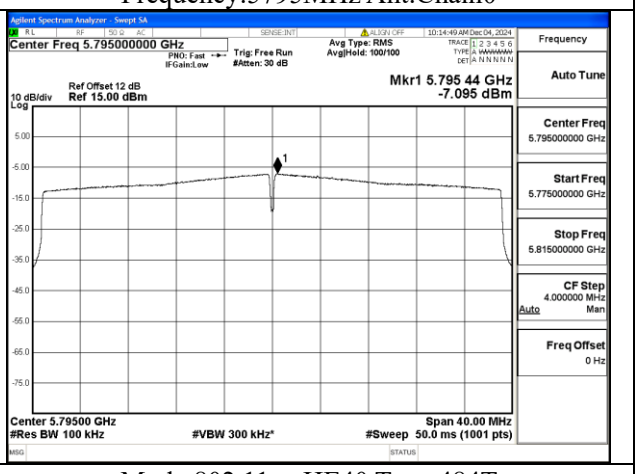
Mode:802.11ax HE40 Tone:484T
Frequency:5755MHz Ant:Chain0



Mode:802.11ax HE40 Tone:484T
Frequency:5795MHz Ant:Chain0



Mode:802.11ax HE40 Tone:484T
Frequency:5755MHz Ant:Chain1



Mode:802.11ax HE40 Tone:484T
Frequency:5795MHz Ant:Chain1