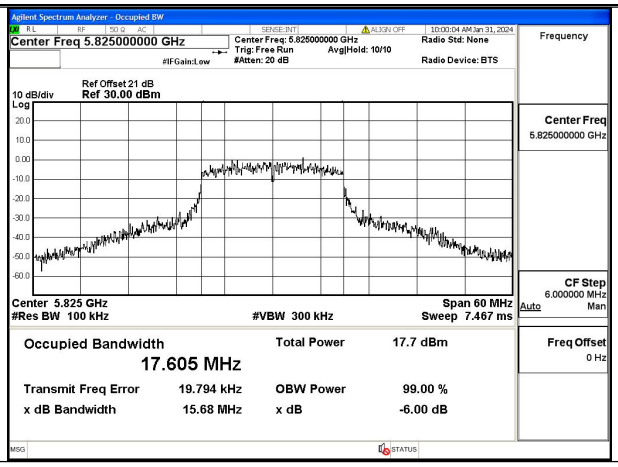
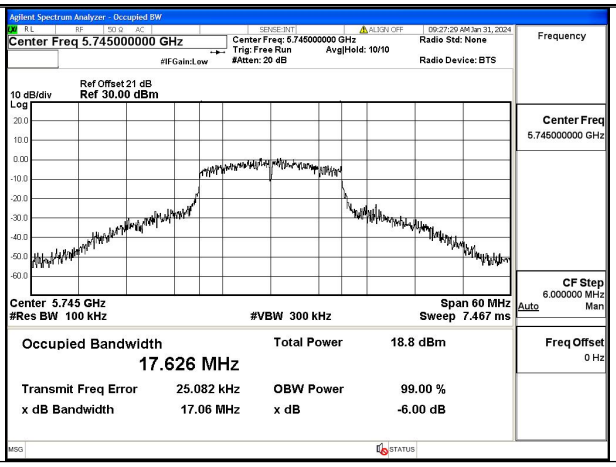
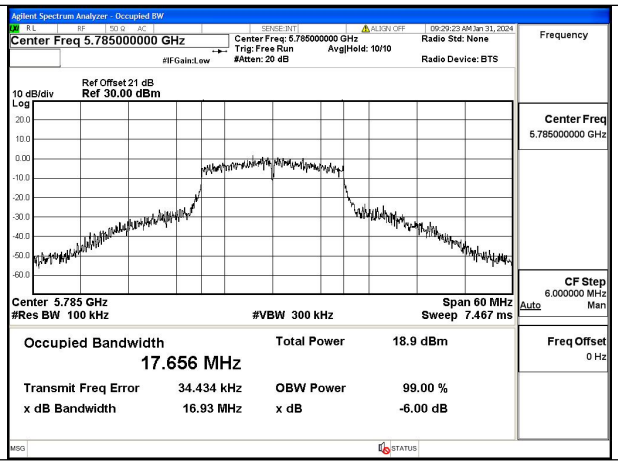


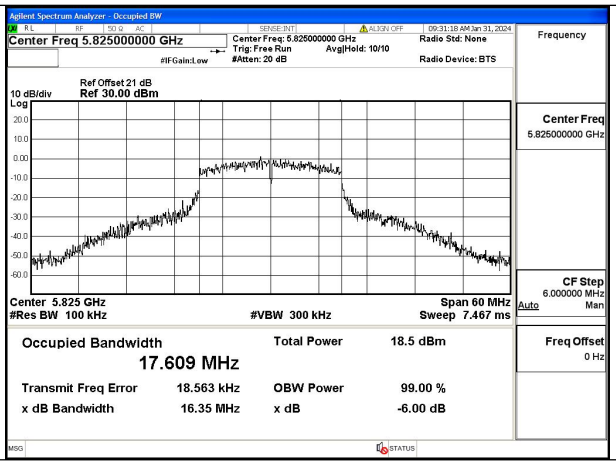
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



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

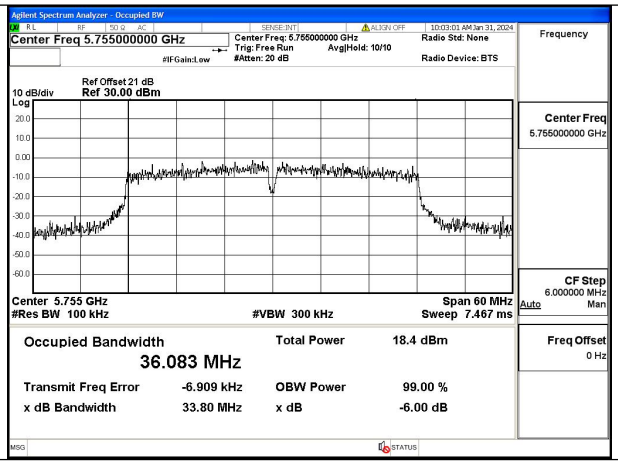


Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain1

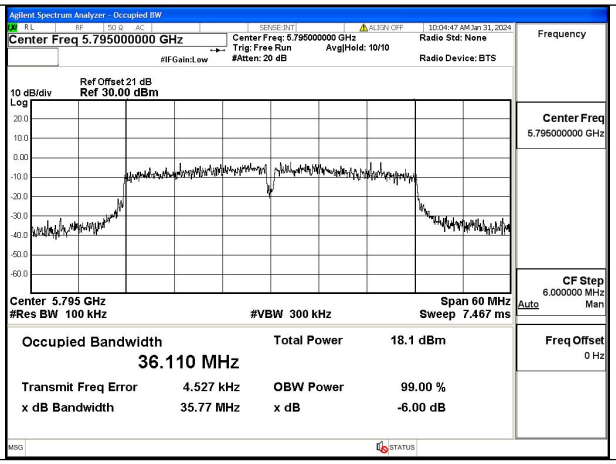


Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1

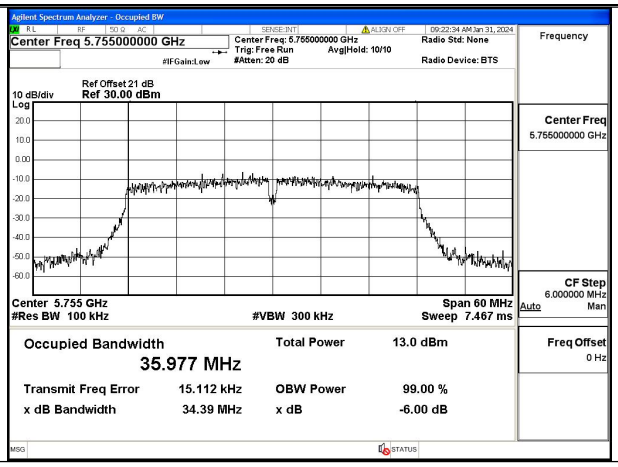
Test Mode: 802.11n HT40



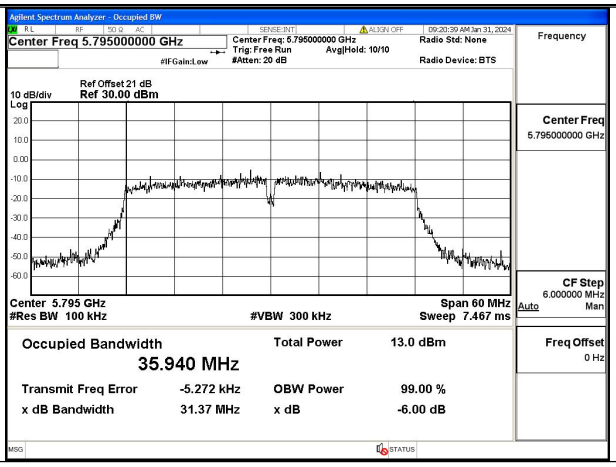
Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0



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

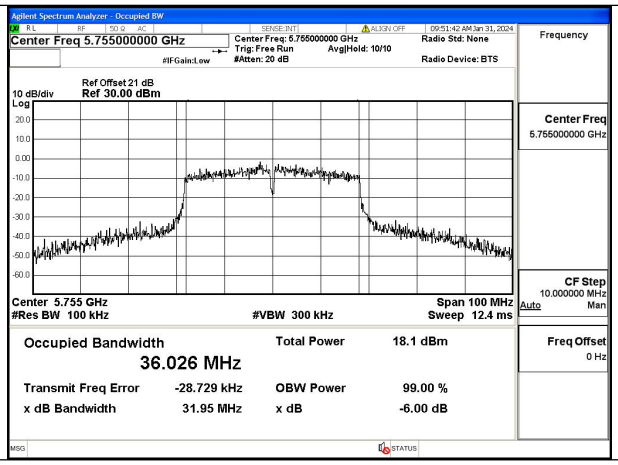


Mode:802.11n HT40 Frequency:5755MHz Ant:Chain1

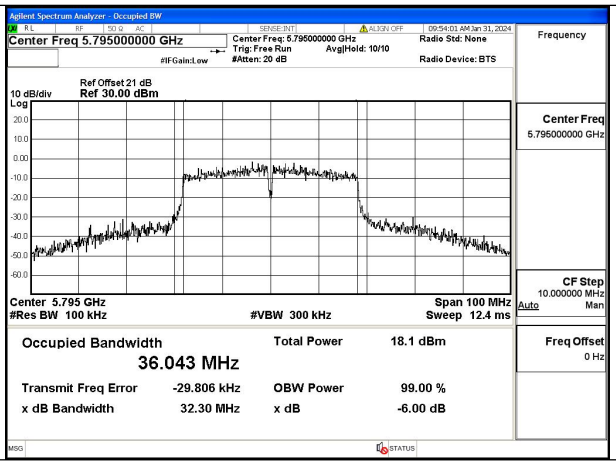


Mode:802.11n HT40 Frequency:5795MHz Ant:Chain1

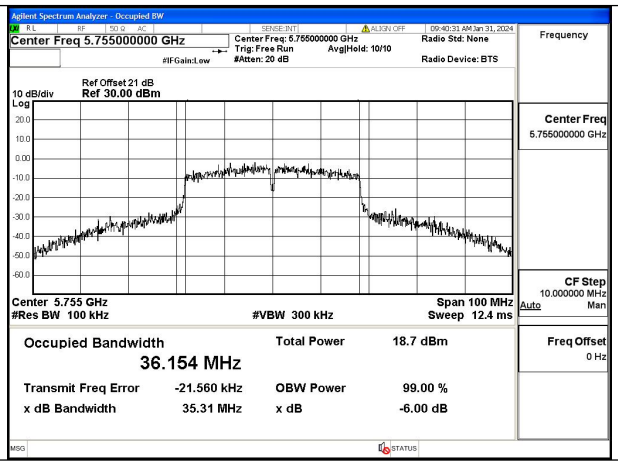
Test Mode: 802.11ac VHT40



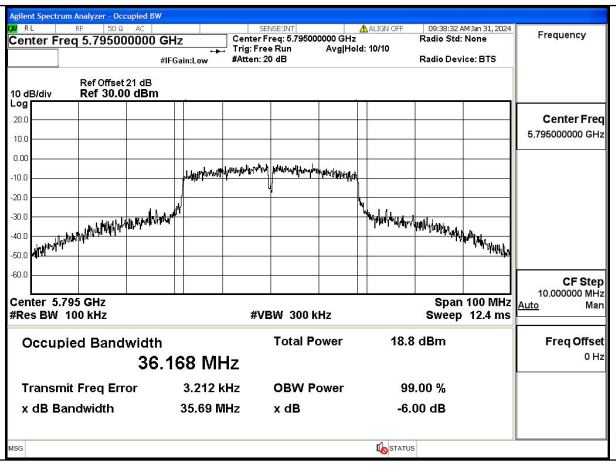
Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain0



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

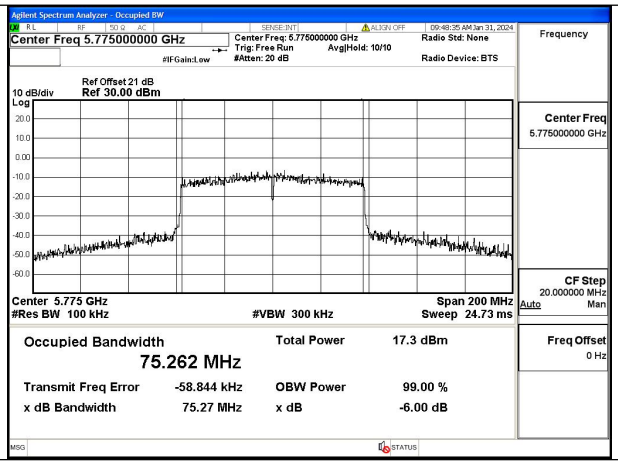


Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain1

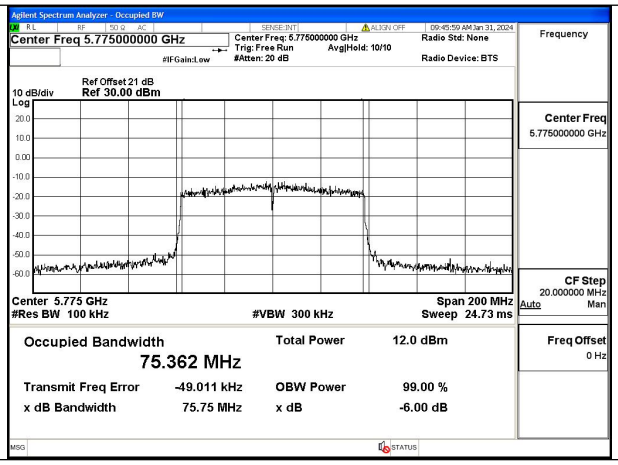


Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain1

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	3.629	0	3.669	0	3.514
802.11a	Chain1	NA	0	4.641	0	4.579	0	4.479
802.11n HT20	Chain0	NA	0	2.506	0	2.613	0	2.467
802.11n HT20	Chain1	NA	0	3.414	0	3.706	0	3.250
802.11n HT20	MIMO	NA	0	5.994	0	6.204	0	5.886
802.11ac VHT20	Chain0	NA	0	2.539	0	2.407	0	2.422
802.11ac VHT20	Chain1	NA	0	3.496	0	3.291	0	3.233
802.11ac VHT20	MIMO	NA	0	6.054	0	5.882	0	5.857

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

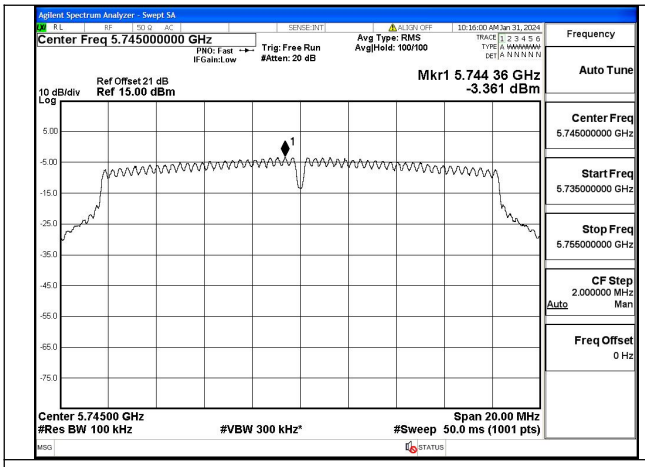
Test Mode	Antenna	Tones	5755MHz		---		5795MHz	
			Correction Factor (dB)	Power Density (dBm/ 500KHz)	Correction Factor (dB)	Power Density (dBm/ 500KHz)	Correction Factor (dB)	Power Density (dBm/ 500KHz)
802.11n HT40	Chain0	NA	0	-0.435	---	---	0	-0.430
802.11n HT40	Chain1	NA	0	0.765	---	---	0	0.933
802.11n HT40	MIMO	NA	0	3.217	---	---	0	3.315
802.11ac VHT40	Chain0	NA	0	-0.596	---	---	0	-0.311
802.11ac VHT40	Chain1	NA	0	0.255	---	---	0	0.365
802.11ac VHT40	MIMO	NA	0	2.861	---	---	0	3.050

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

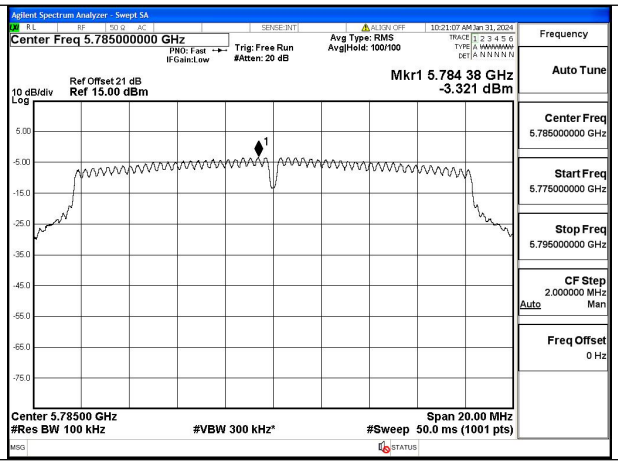
Test Mode	Antenna	Tones	5775MHz		---		---	
			Correction Factor (dB)	Power Density (dBm/ 500KHz)	Correction Factor (dB)	Power Density (dBm/ 500KHz)	Correction Factor (dB)	Power Density (dBm/ 500KHz)
802.11ac VHT80	Chain0	NA	0	-3.532	---	---	---	---
802.11ac VHT80	Chain1	NA	0	-2.545	---	---	---	---
802.11ac VHT80	MIMO	NA	0	0.000	---	---	---	---

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

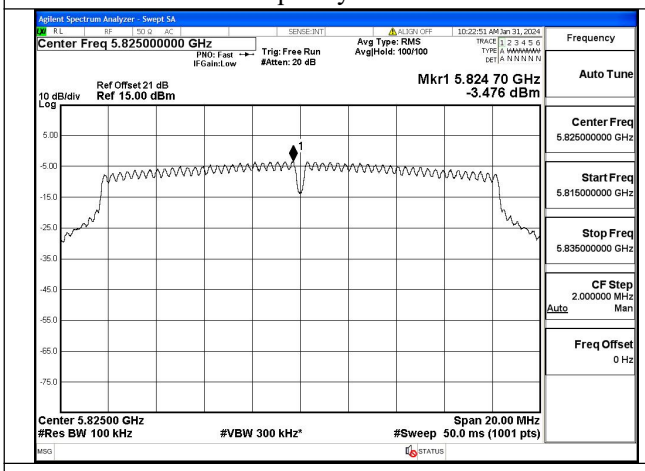
Test Mode: 802.11a



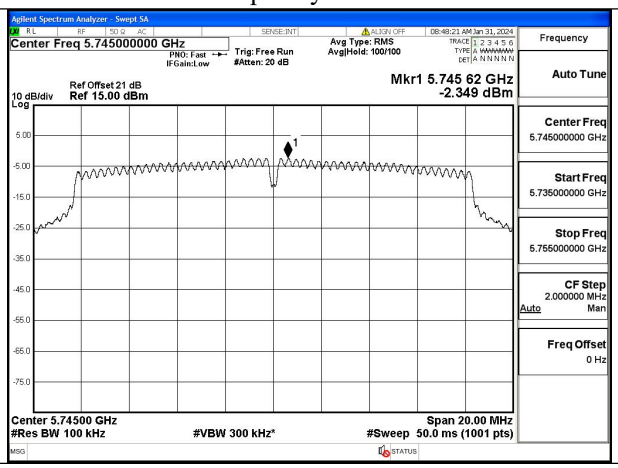
Mode:802.11a Frequency:5745MHz Ant:Chain0



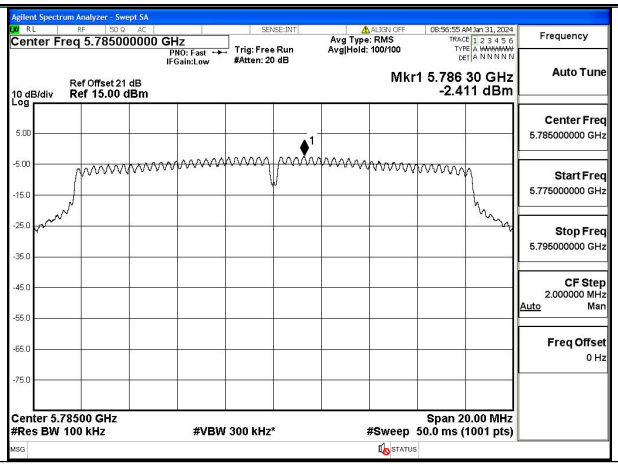
Mode:802.11a Frequency:5785MHz Ant:Chain0



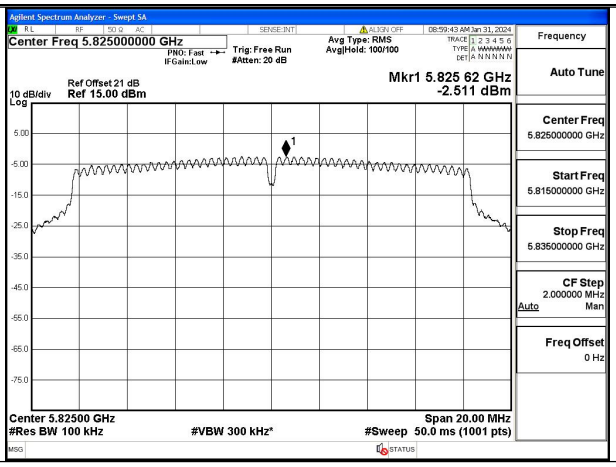
Mode:802.11a Frequency:5825MHz Ant:Chain0



Mode:802.11a Frequency:5745MHz Ant:Chain1

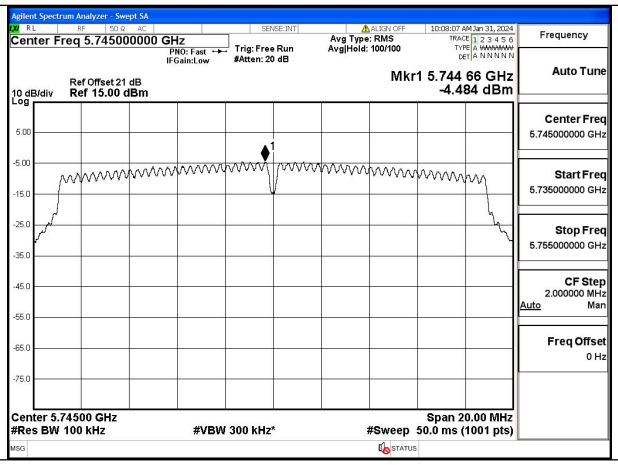


Mode:802.11a Frequency:5785MHz Ant:Chain1

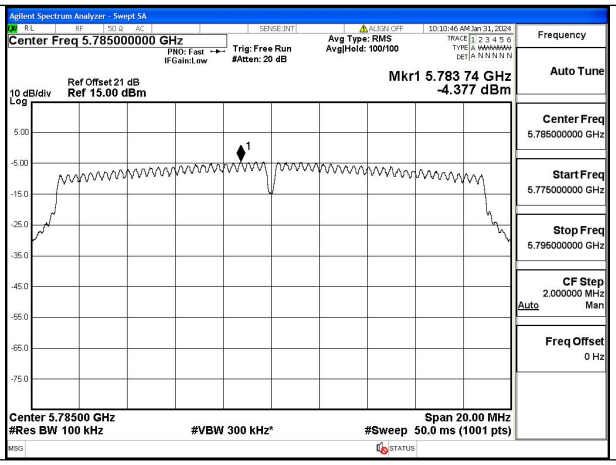


Mode:802.11a Frequency:5825MHz Ant:Chain1

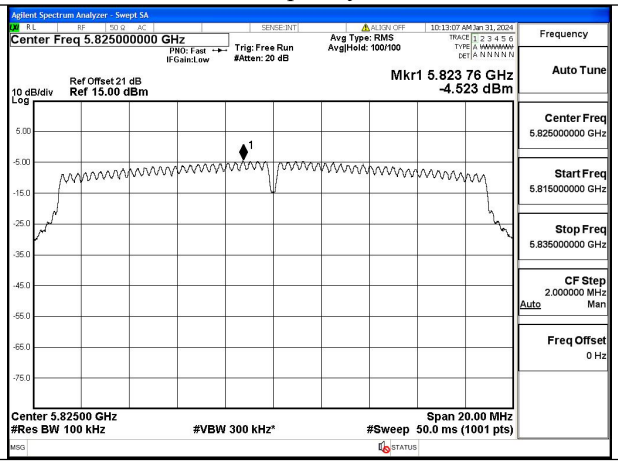
Test Mode: 802.11n HT20



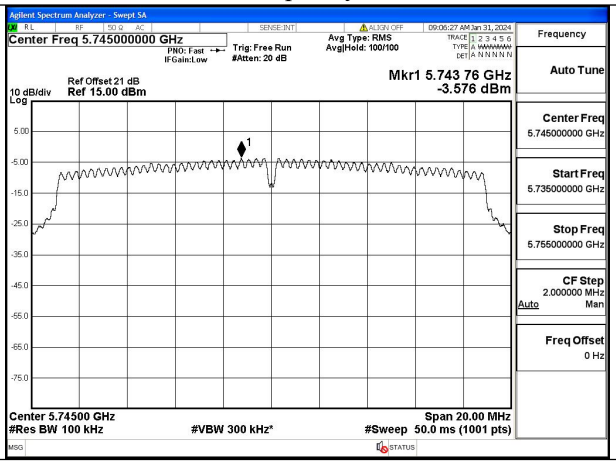
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0



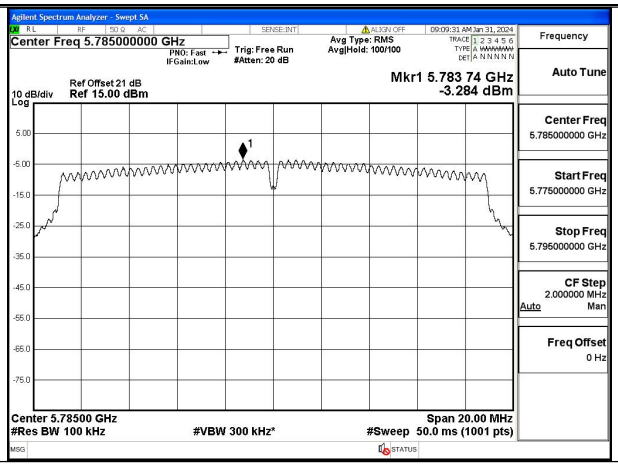
Mode:802.11n HT20 Frequency:5785MHz Ant:Chain0



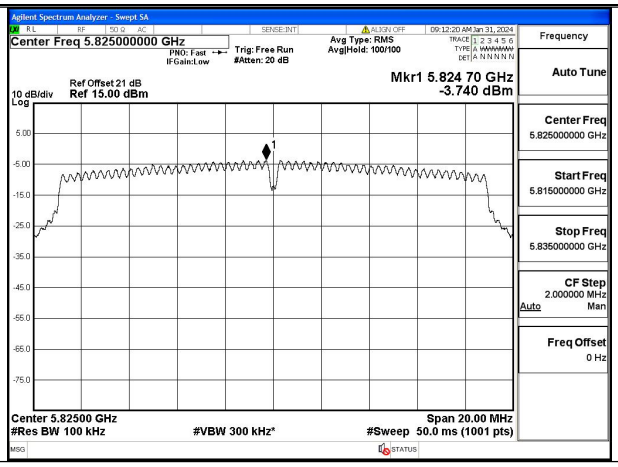
Mode:802.11n HT20 Frequency:5825MHz Ant:Chain0



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

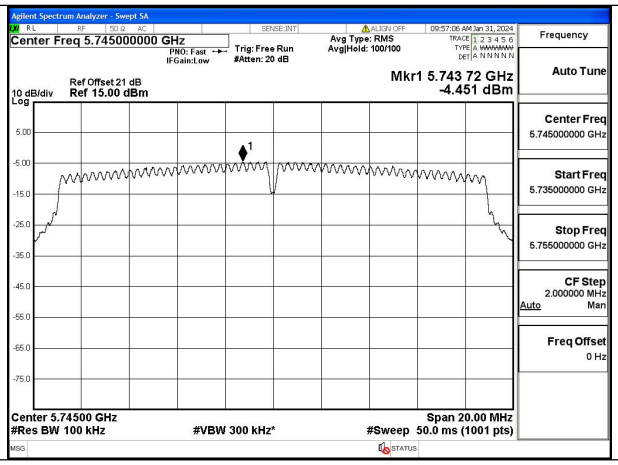


Mode:802.11n HT20 Frequency:5785MHz Ant:Chain1

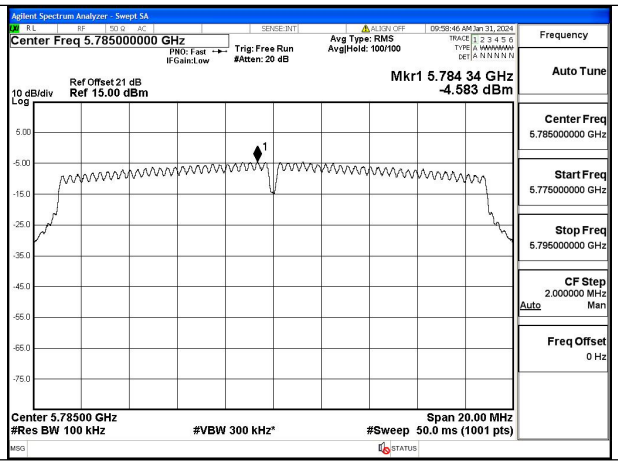


Mode:802.11n HT20 Frequency:5825MHz Ant:Chain1

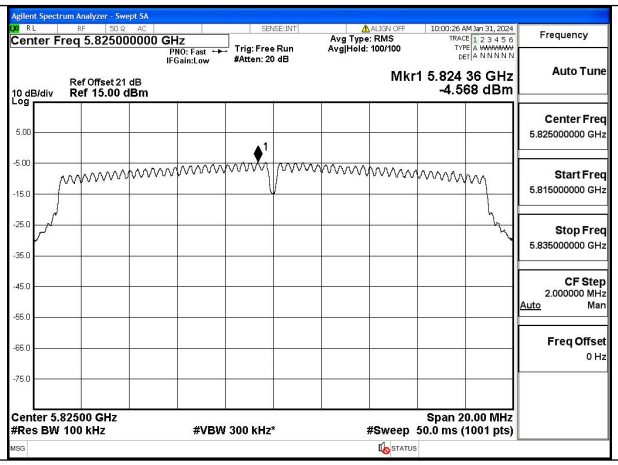
Test Mode: 802.11ac VHT20



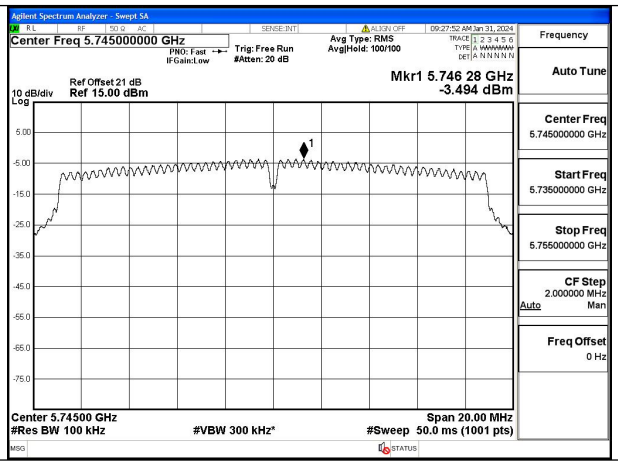
Mode:802.11ac VHT20 Frequency:5745MHz Ant:Chain0



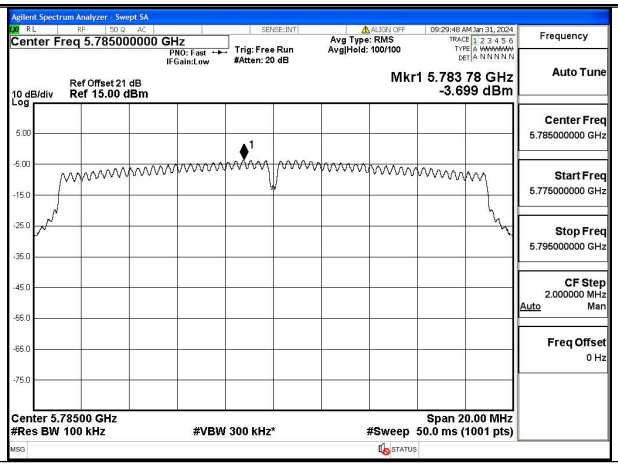
Mode:802.11ac VHT20 Frequency:5785MHz Ant:Chain0



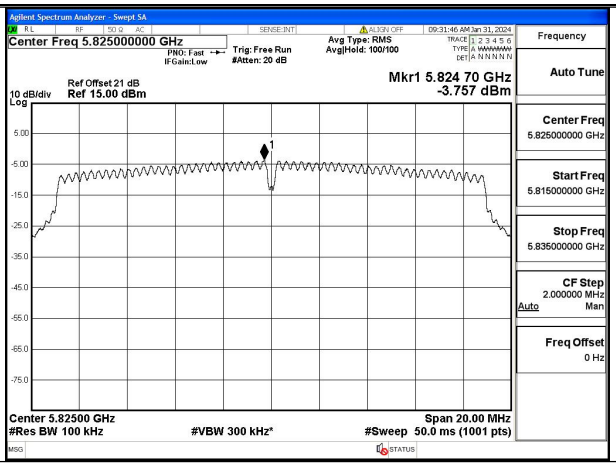
Mode:802.11ac VHT20 Frequency:5825MHz Ant:Chain0



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

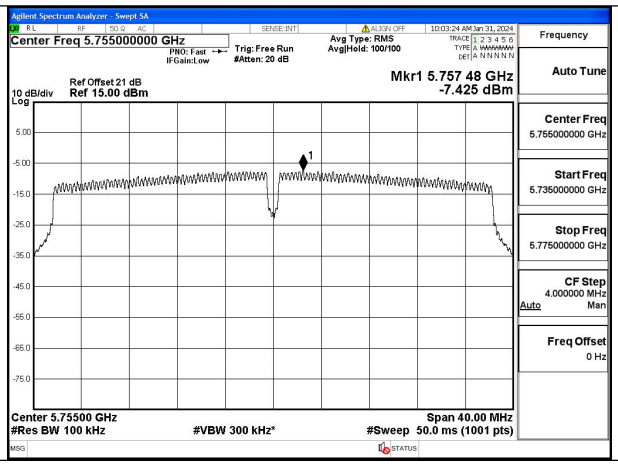


Mode:802.11ac VHT20 Frequency:5785MHz Ant:Chain1

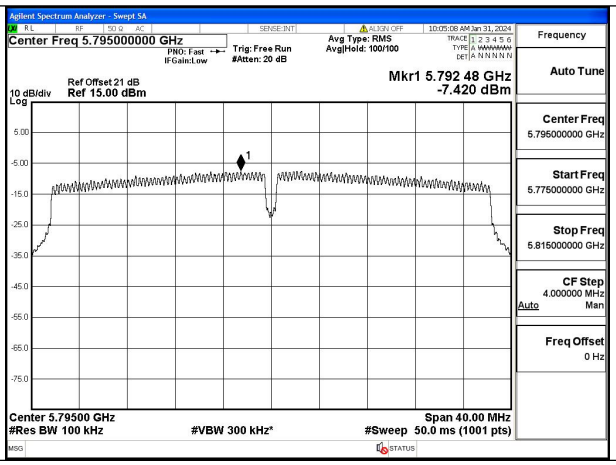


Mode:802.11ac VHT20 Frequency:5825MHz Ant:Chain1

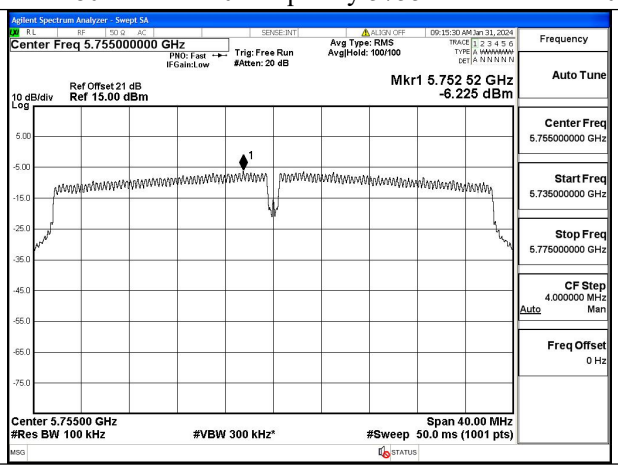
Test Mode: 802.11n HT40



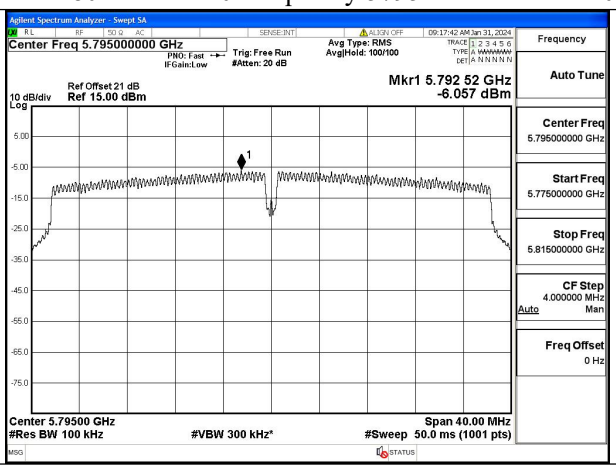
Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0



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

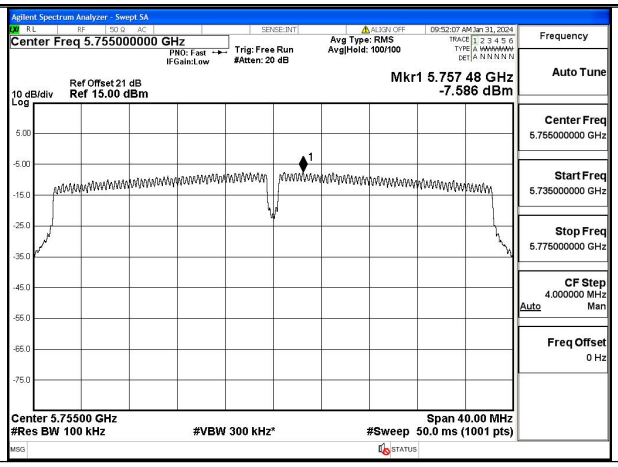


Mode:802.11n HT40 Frequency:5755MHz Ant:Chain1

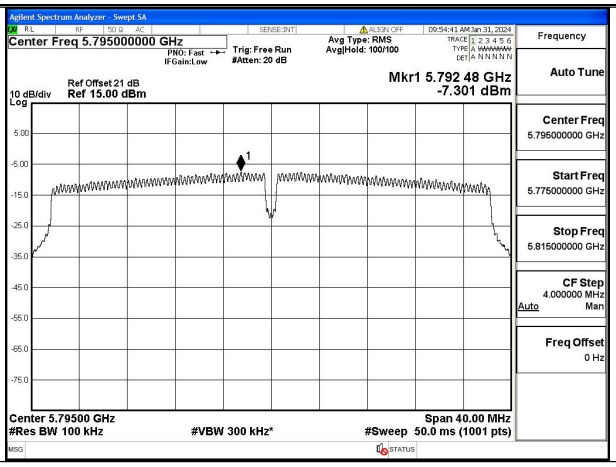


Mode:802.11n HT40 Frequency:5795MHz Ant:Chain1

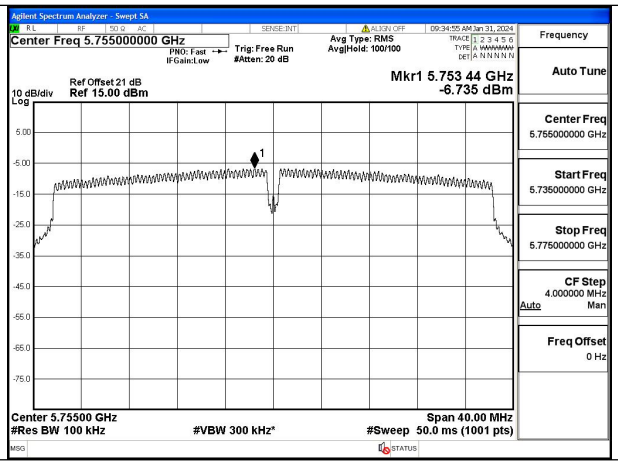
Test Mode: 802.11ac VHT40



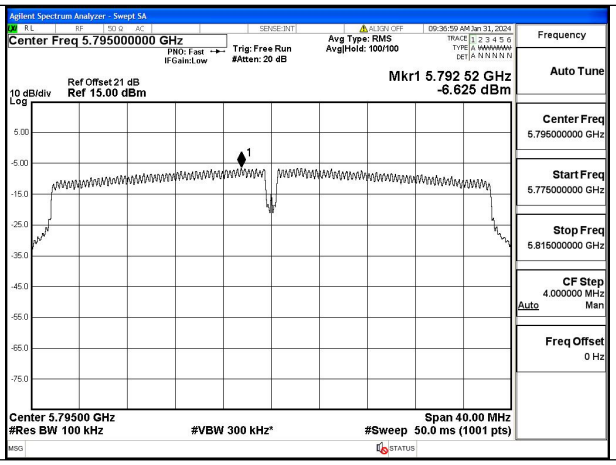
Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain0



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

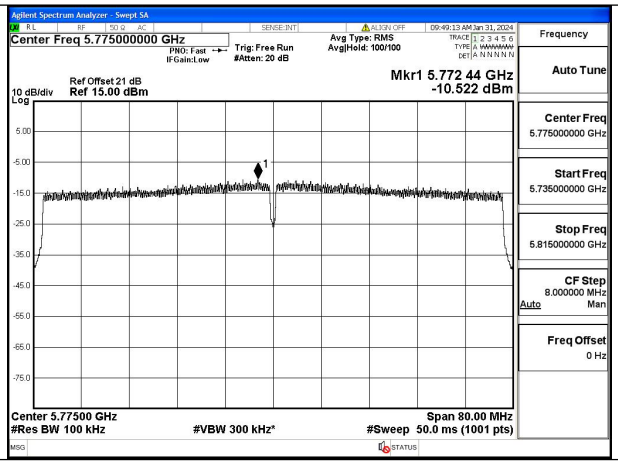


Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain1

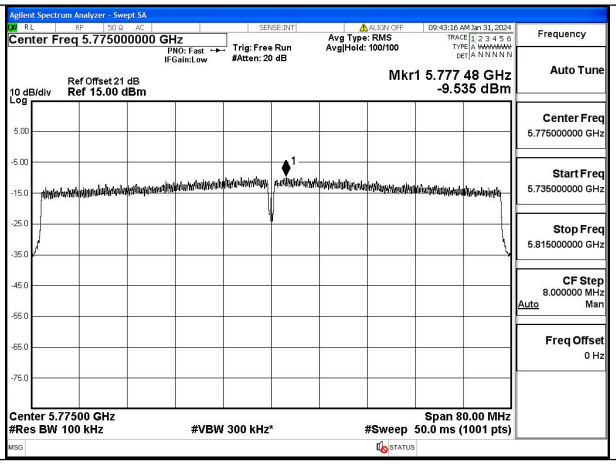


Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



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



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