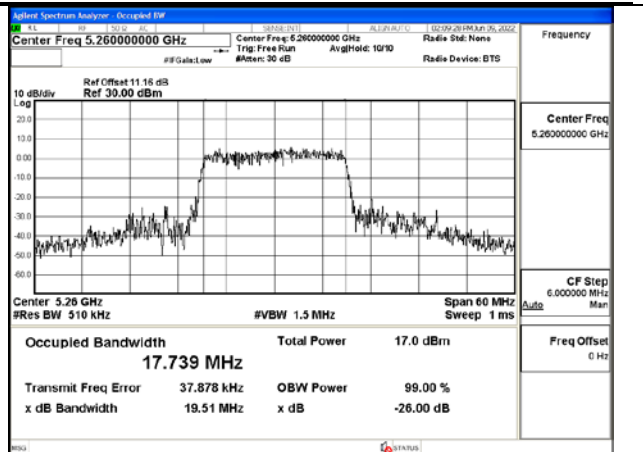
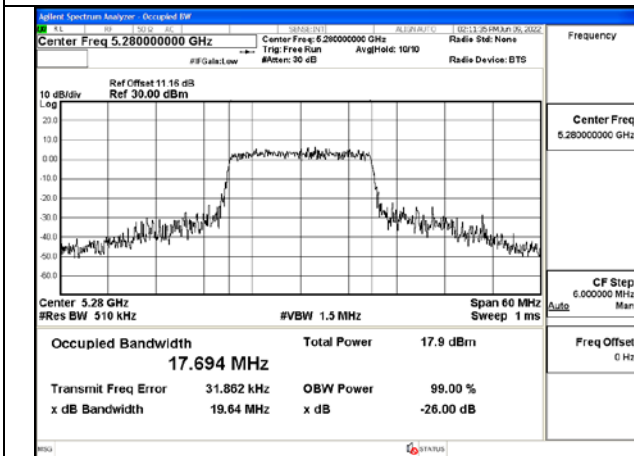


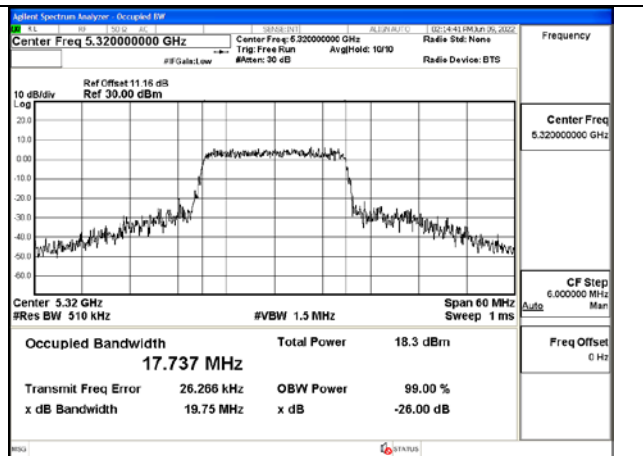
Test Mode:802.11ac VHT20 5320MHz Chain0



Test Mode:802.11ac VHT20 5260MHz Chain1

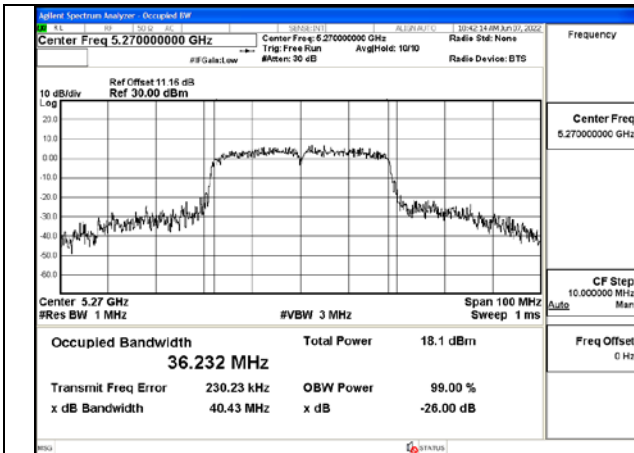


Test Mode:802.11ac VHT20 5280MHz Chain1

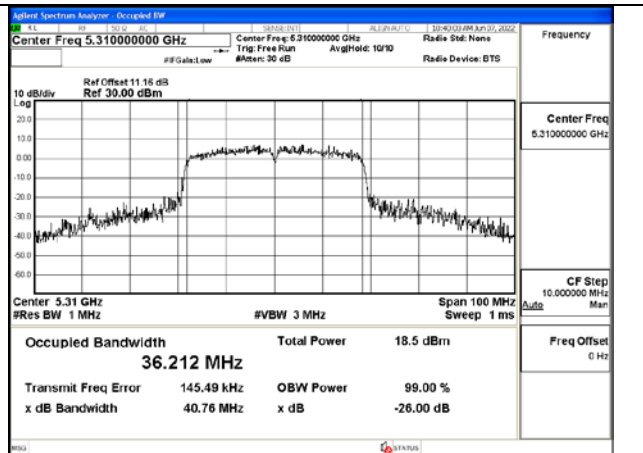


Test Mode:802.11ac VHT20 5320MHz Chain1

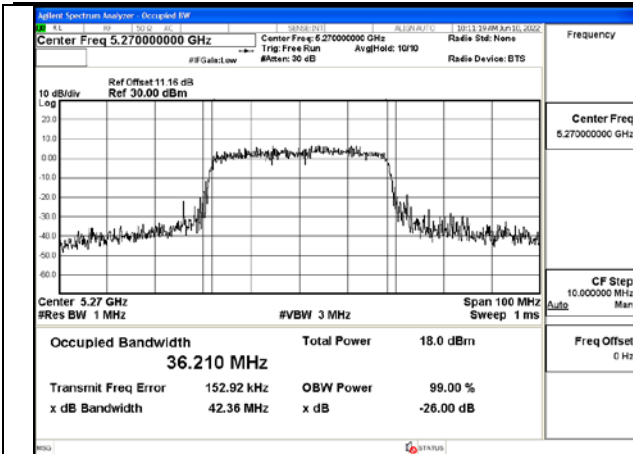
Test Mode: 802.11n HT40



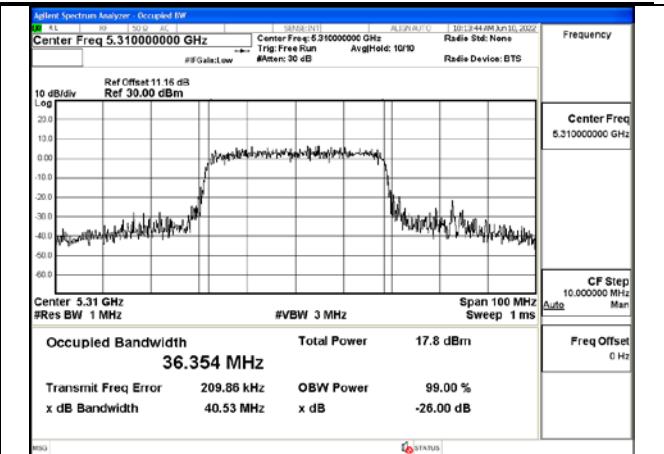
Test Mode:802.11n HT40 5270MHz Chain0



Test Mode:802.11n HT40 5310MHz Chain0

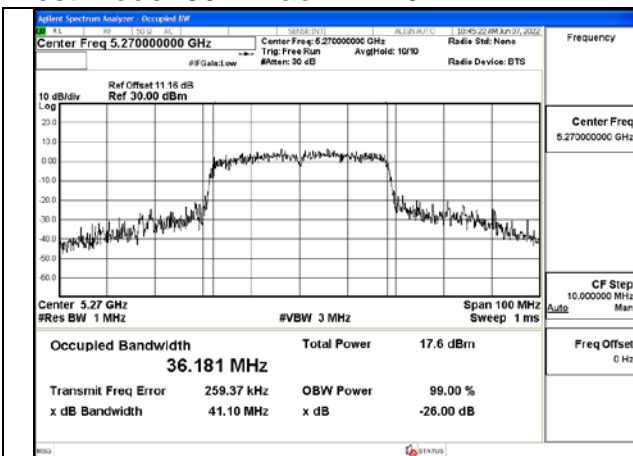


Test Mode:802.11n HT40 5270MHz Chain1

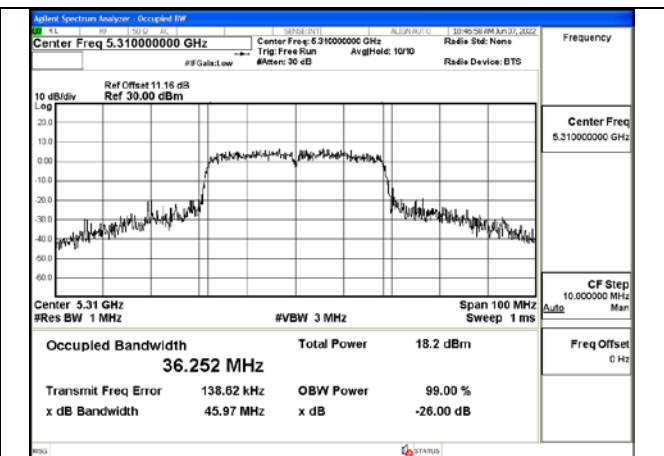


Test Mode:802.11n HT40 5310MHz Chain1

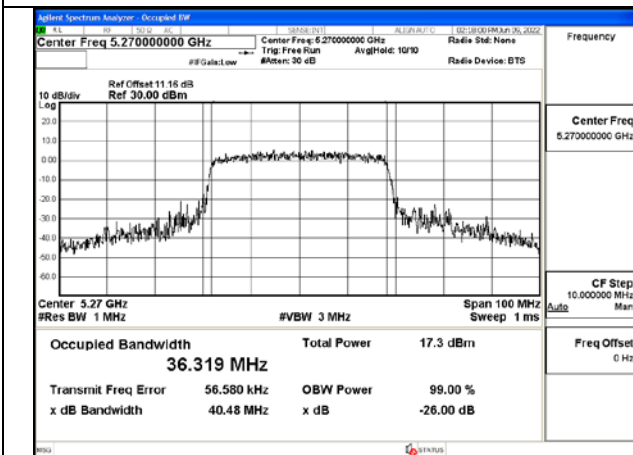
Test Mode: 802.11ac VHT40



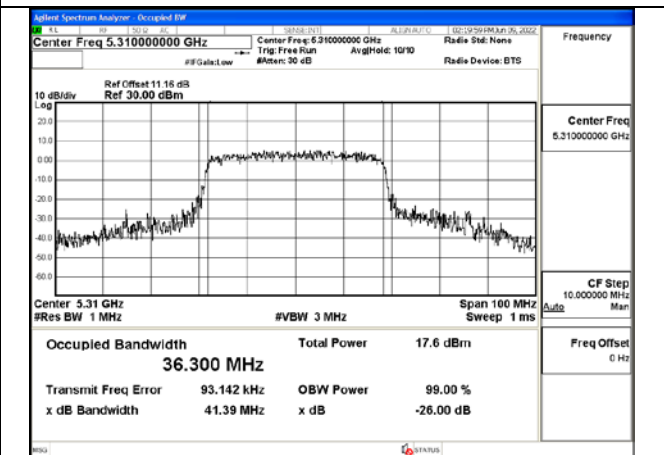
Test Mode:802.11ac VHT40 5270MHz Chain0



Test Mode:802.11ac VHT40 5310MHz Chain0

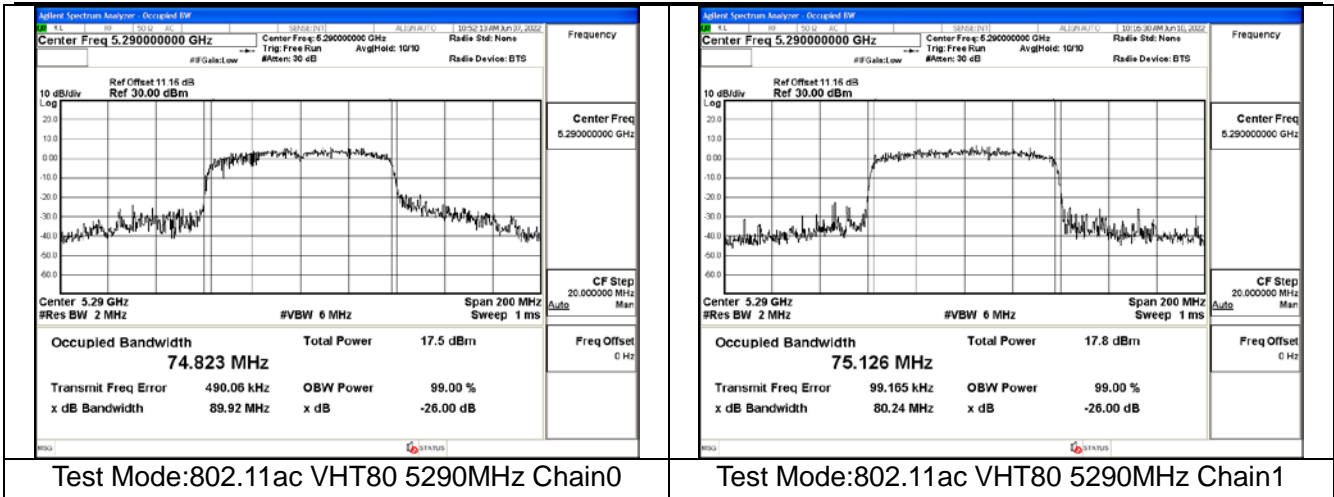


Test Mode:802.11ac VHT40 5270MHz Chain1



Test Mode:802.11ac VHT40 5310MHz Chain1

Test Mode: 802.11ac VHT80



Occupied Bandwidth

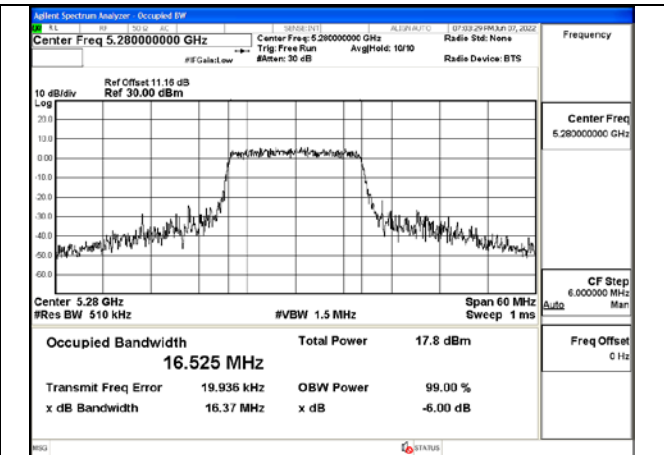
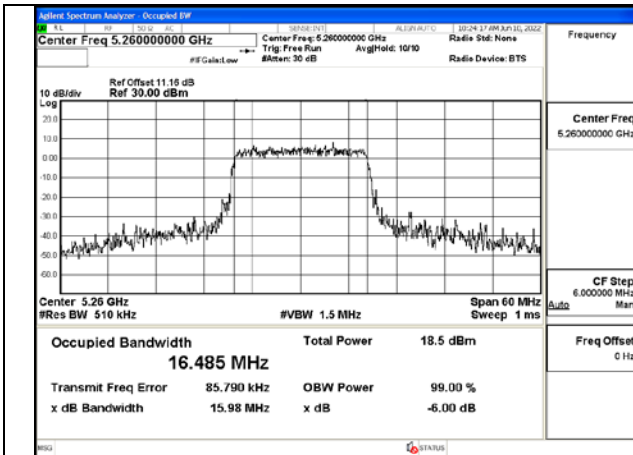
Offset 11.16dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.570	Channel No.574	Channel No.582
		5260MHz	5280MHz	5320MHz
802.11a	Chain0	16.485	16.525	16.549
802.11a	Chain1	16.513	16.510	16.540
802.11n HT20	Chain0	17.717	17.656	17.695
802.11n HT20	Chain1	17.677	17.670	17.729
802.11ac VHT20	Chain0	17.768	17.715	17.752
802.11ac VHT20	Chain1	17.685	17.742	17.665

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.572	---	Channel No.580
		5270MHz	---	5310MHz
802.11n HT40	Chain0	36.309	---	36.314
802.11n HT40	Chain1	36.108	---	36.178
802.11ac VHT40	Chain0	36.367	---	36.343
802.11ac VHT40	Chain1	36.181	---	36.232

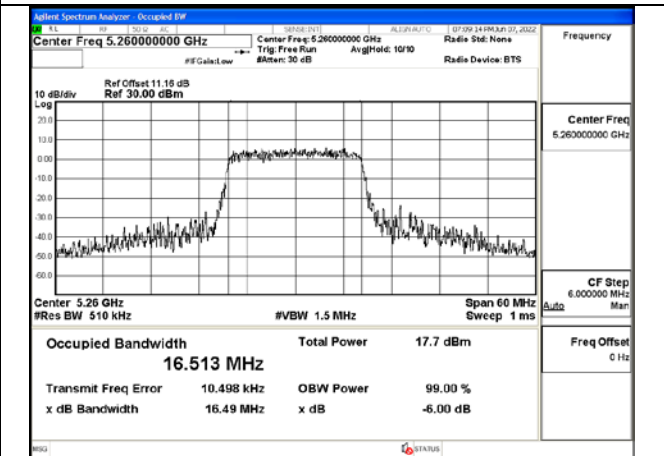
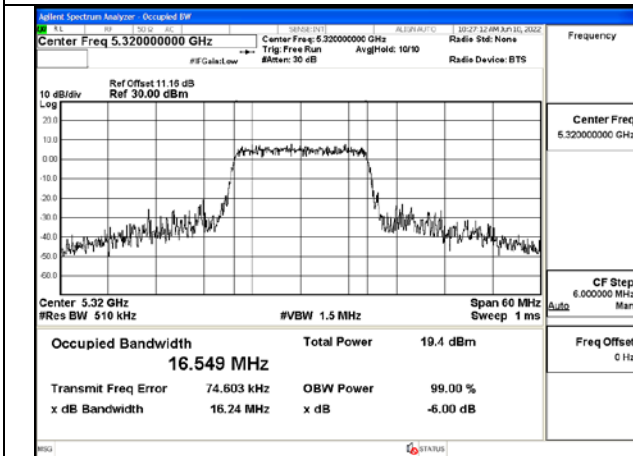
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		Channel No.576	---	---
		5290MHz	---	---
802.11ac VHT80	Chain0	75.146	---	---
802.11ac VHT80	Chain1	74.998	---	---

Test Mode: 802.11a



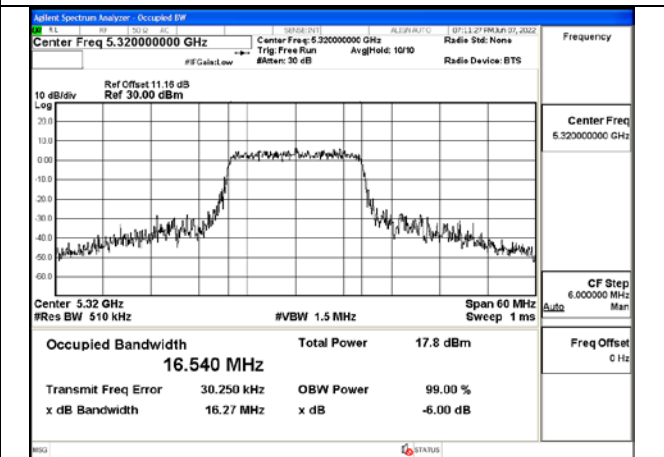
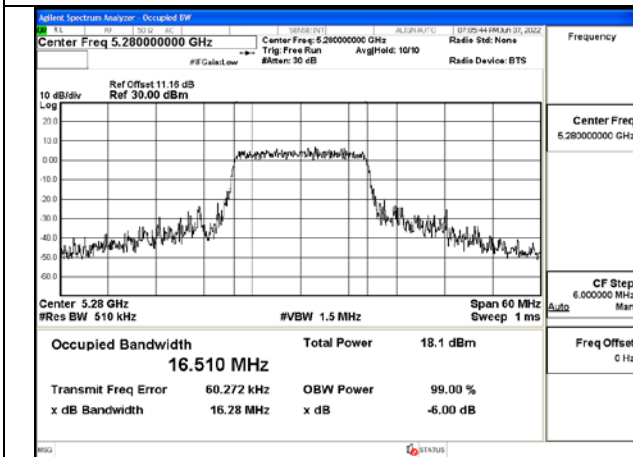
Test Mode:802.11a 5260MHz Chain0

Test Mode:802.11a 5280MHz Chain0



Test Mode:802.11a 5320MHz Chain0

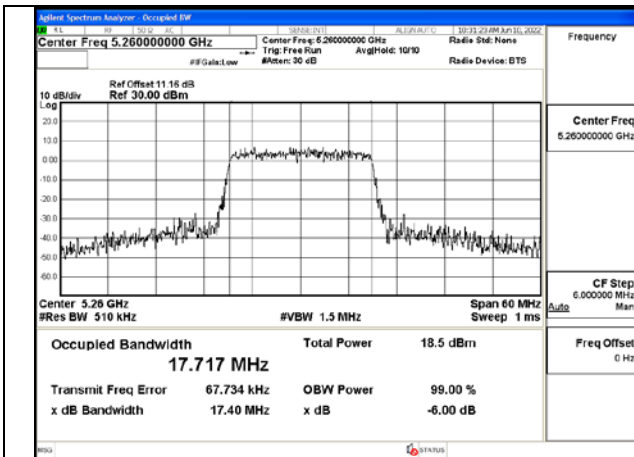
Test Mode:802.11a 5260MHz Chain1



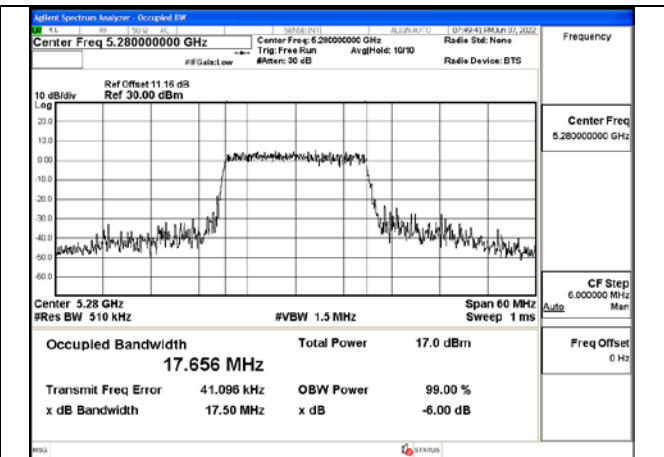
Test Mode:802.11a 5280MHz Chain1

Test Mode:802.11a 5320MHz Chain1

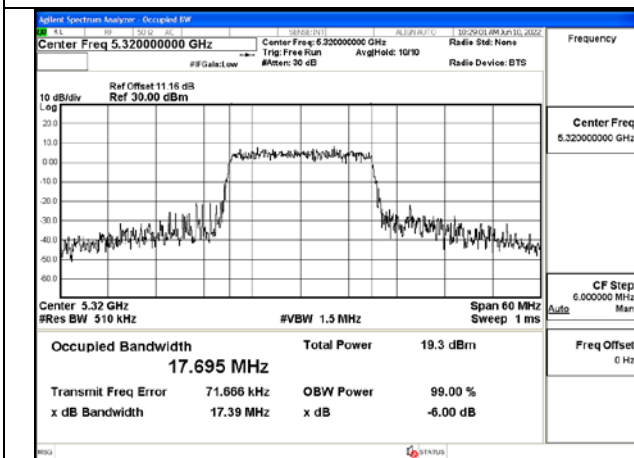
Test Mode: 802.11n HT20



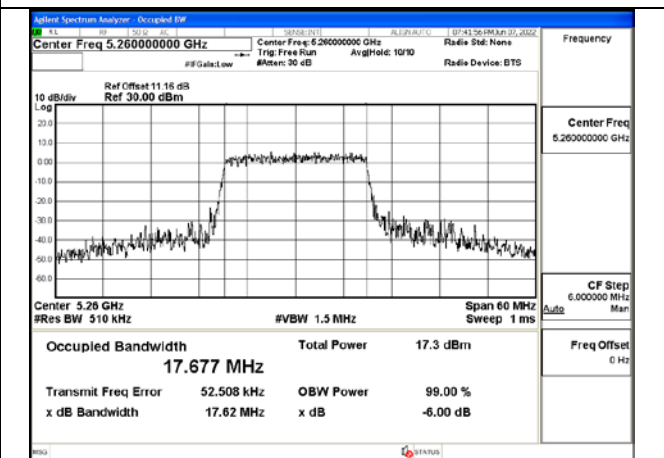
Test Mode:802.11n HT20 5260MHz Chain0



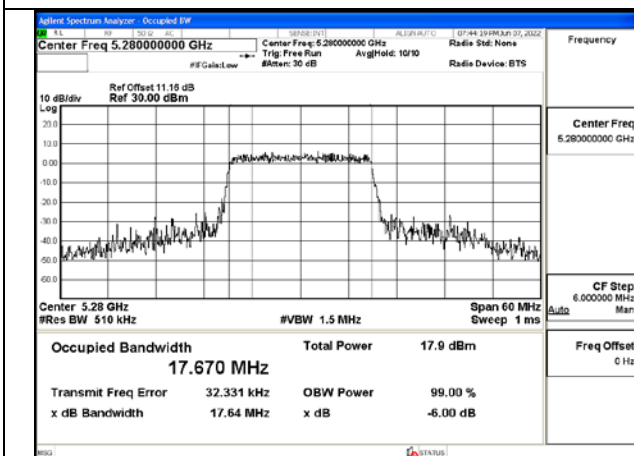
Test Mode:802.11n HT20 5280MHz Chain0



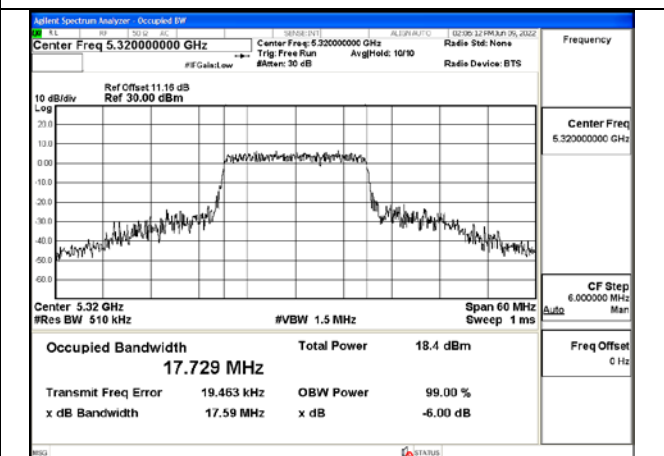
Test Mode:802.11n HT20 5320MHz Chain0



Test Mode:802.11n HT20 5260MHz Chain1

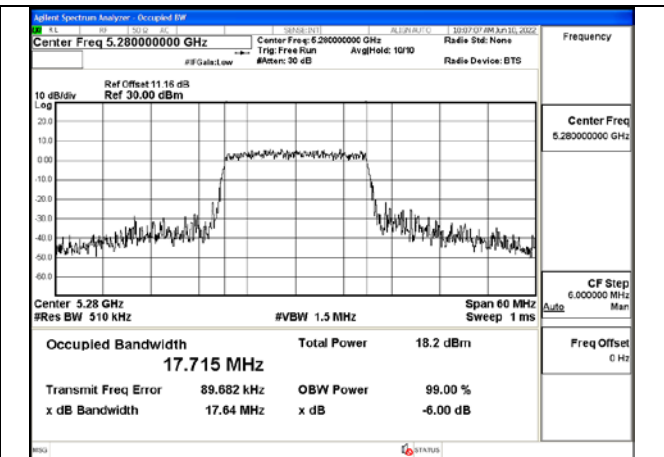
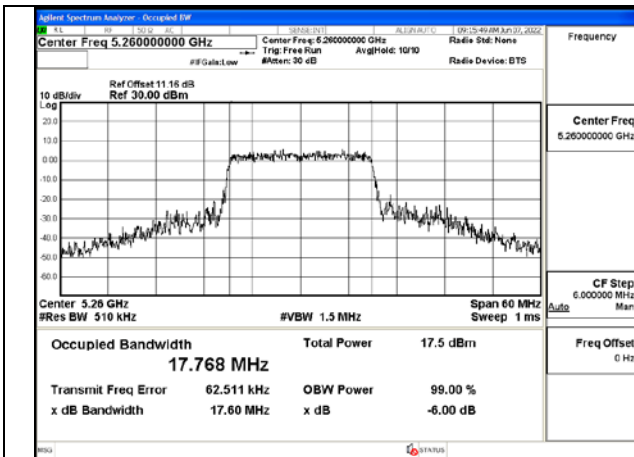


Test Mode:802.11n HT20 5280MHz Chain1



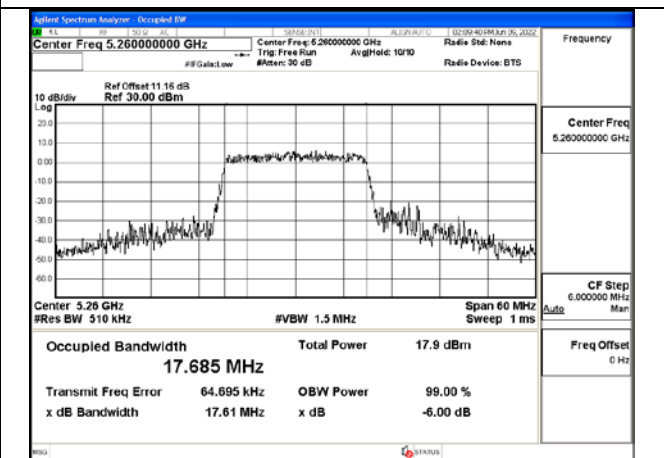
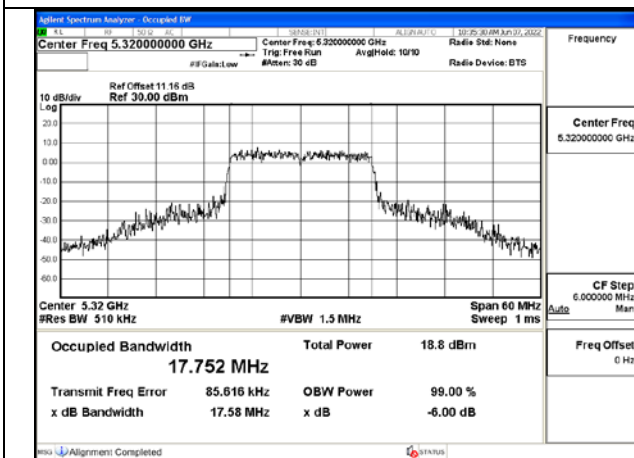
Test Mode:802.11n HT20 5320MHz Chain1

Test Mode: 802.11ac VHT20



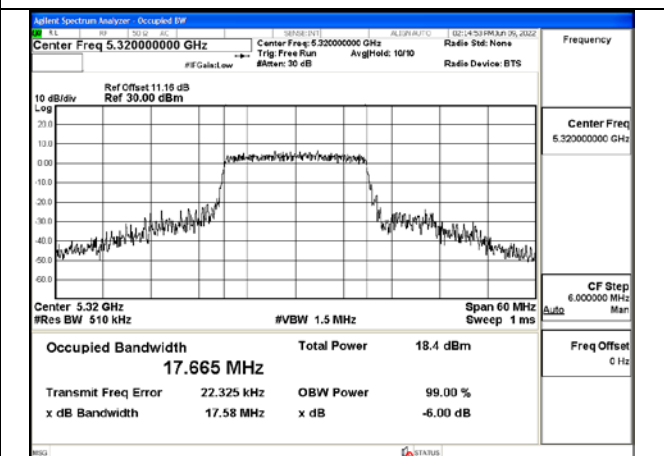
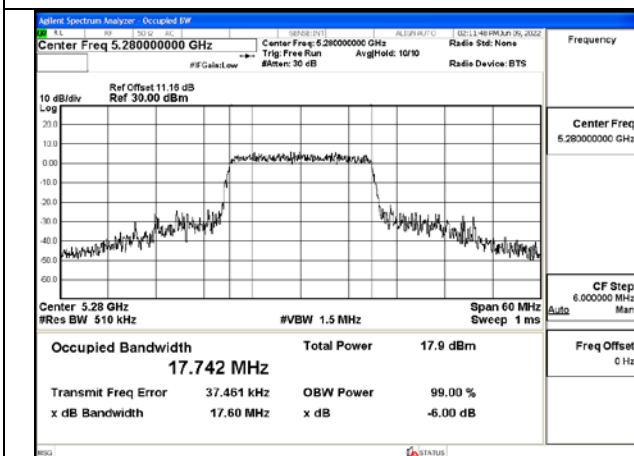
Test Mode:802.11ac VHT20 5260MHz Chain0

Test Mode:802.11ac VHT20 5280MHz Chain0



Test Mode:802.11ac VHT20 5320MHz Chain0

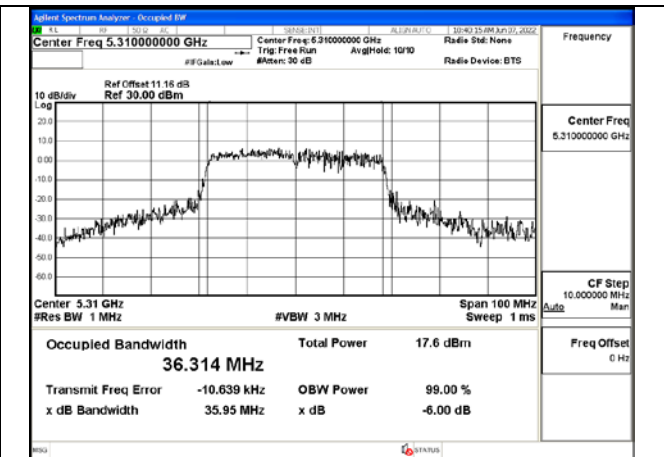
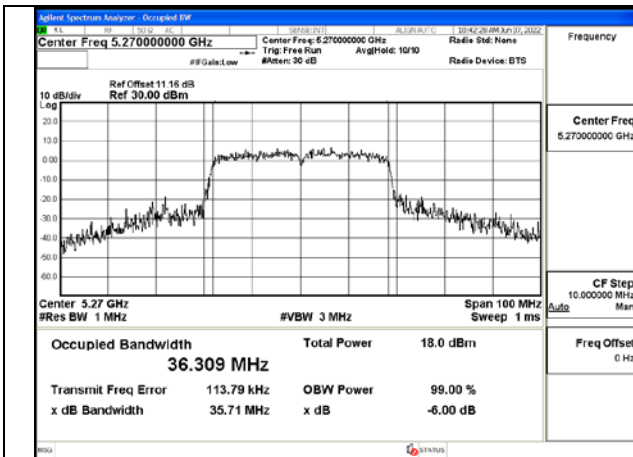
Test Mode:802.11ac VHT20 5260MHz Chain1



Test Mode:802.11ac VHT20 5280MHz Chain1

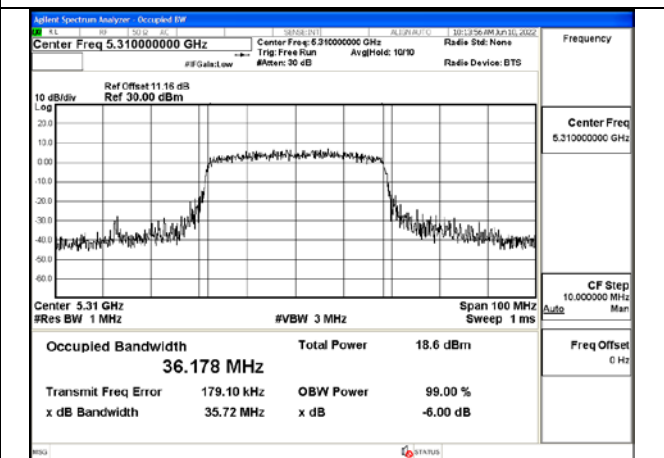
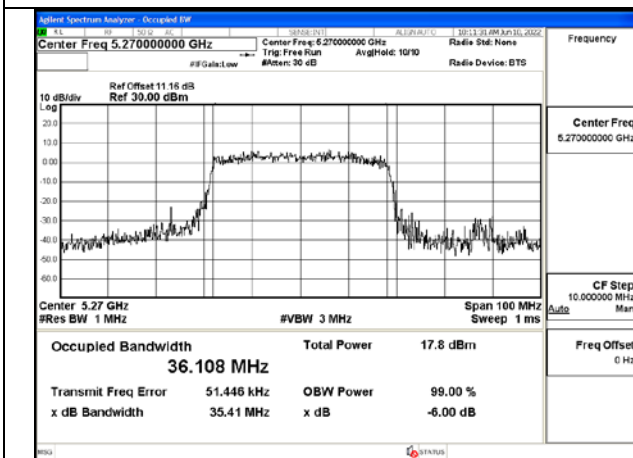
Test Mode:802.11ac VHT20 5320MHz Chain1

Test Mode: 802.11n HT40



Test Mode:802.11n HT40 5270MHz Chain0

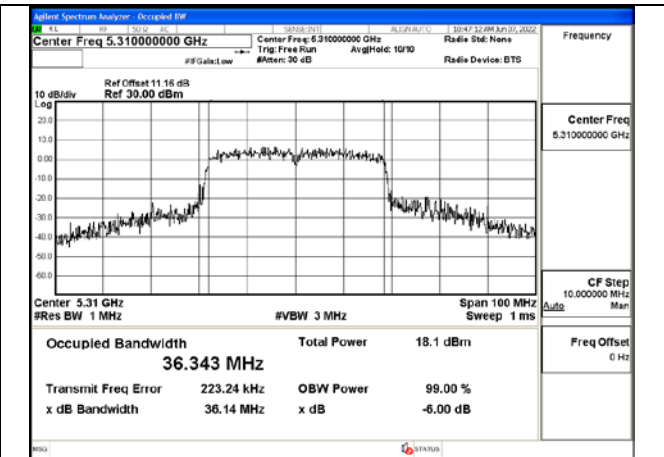
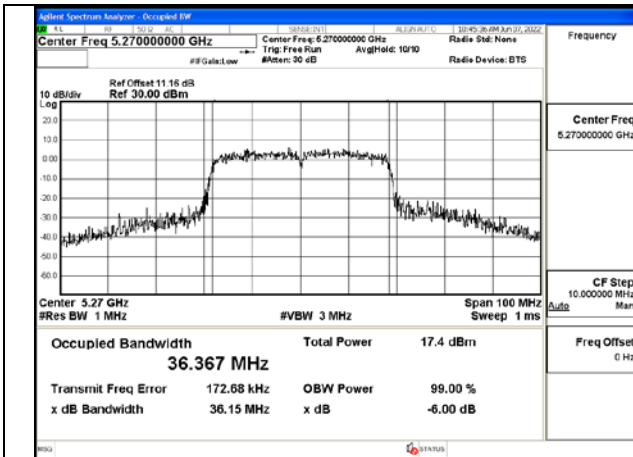
Test Mode:802.11n HT40 5310MHz Chain0



Test Mode:802.11n HT40 5270MHz Chain1

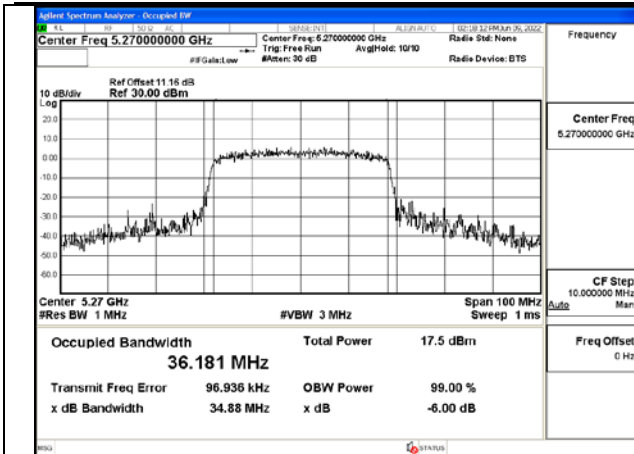
Test Mode:802.11n HT40 5310MHz Chain1

Test Mode: 802.11ac VHT40

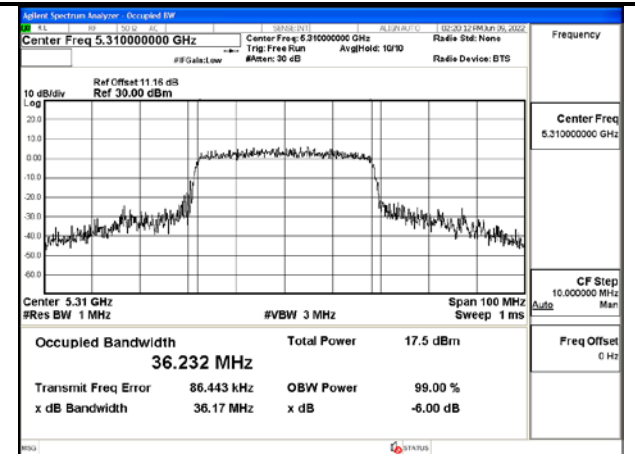


Test Mode:802.11ac VHT40 5270MHz Chain0

Test Mode:802.11ac VHT40 5310MHz Chain0

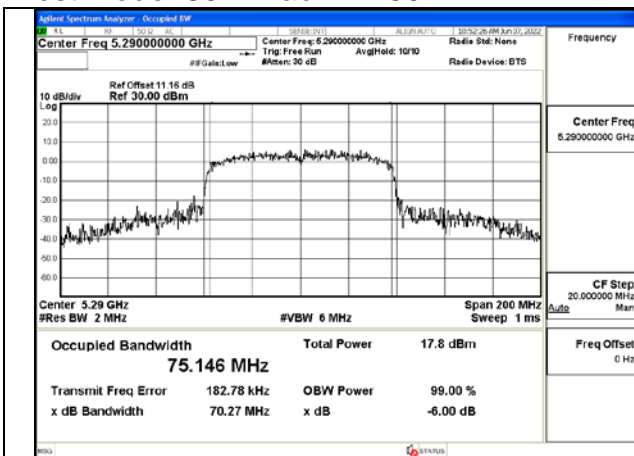


Test Mode:802.11ac VHT40 5270MHz Chain1

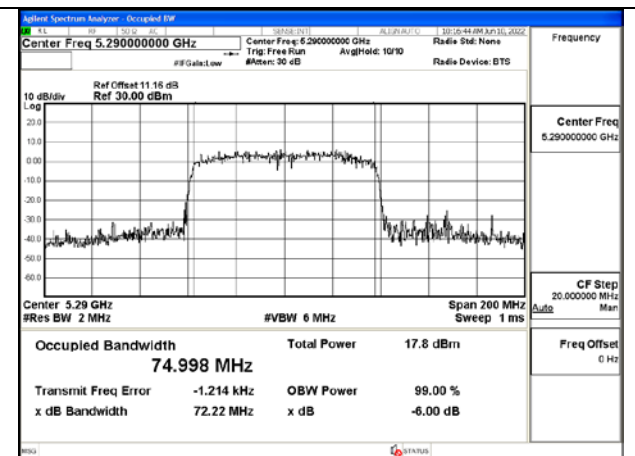


Test Mode:802.11ac VHT40 5310MHz Chain1

Test Mode: 802.11ac VHT80



Test Mode:802.11ac VHT80 5290MHz Chain0



Test Mode:802.11ac VHT80 5290MHz Chain1

Transmitter Power Spectral Density

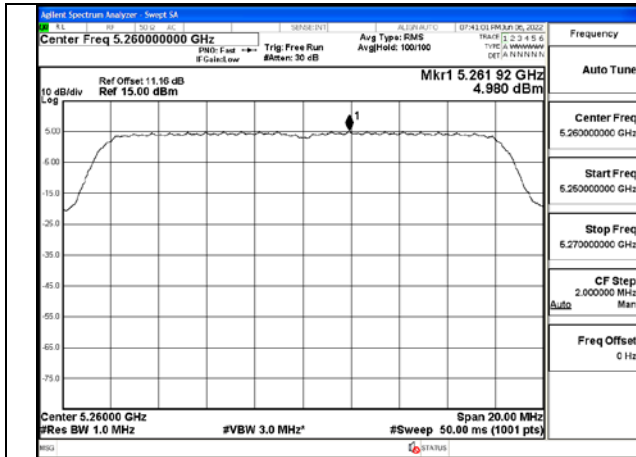
Offset 11.16dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	5260MHz		5280MHz		5320MHz	
		Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	0.59	4.980	0.59	2.331	0.59	5.644
802.11a	Chain1	0.59	2.385	0.59	3.023	0.59	2.681
802.11n HT20	Chain0	0.60	2.636	0.60	1.992	0.60	2.886
802.11n HT20	Chain1	0.60	1.990	0.60	2.364	0.60	3.048
802.11n HT20	MIMO	0.60	5.335	0.60	5.192	0.60	5.978
802.11ac VHT20	Chain0	0.60	1.844	0.60	3.006	0.60	2.842
802.11ac VHT20	Chain1	0.60	2.123	0.60	2.436	0.60	2.715
802.11ac VHT20	MIMO	0.60	4.996	0.60	5.741	0.60	5.789

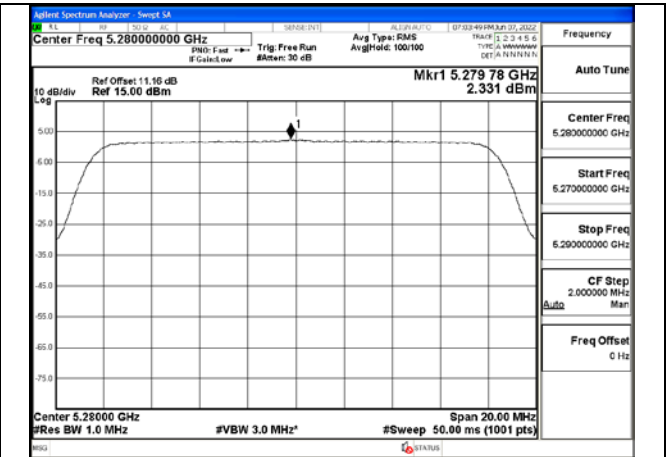
Test Mode	Antenna	5270MHz		---		5310MHz	
		Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	0.99	-0.366	---	---	0.99	-0.210
802.11n HT40	Chain1	0.99	-0.162	---	---	0.99	-0.130
802.11n HT40	MIMO	0.99	2.747	---	---	0.99	2.840
802.11ac VHT40	Chain0	1.03	-1.122	---	---	1.03	-0.738
802.11ac VHT40	Chain1	1.03	-1.593	---	---	1.03	-1.538
802.11ac VHT40	MIMO	1.03	1.659	---	---	1.03	1.891

Test Mode	Antenna	5290MHz		---		---	
		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	1.45	-5.218	---	---	---	---
802.11ac VHT80	Chain1	1.45	-2.862	---	---	---	---
802.11ac VHT80	MIMO	1.45	-0.872	---	---	---	---

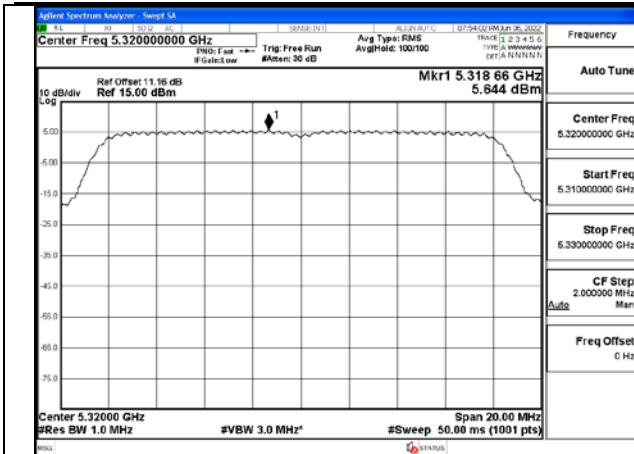
Test Mode: 802.11a



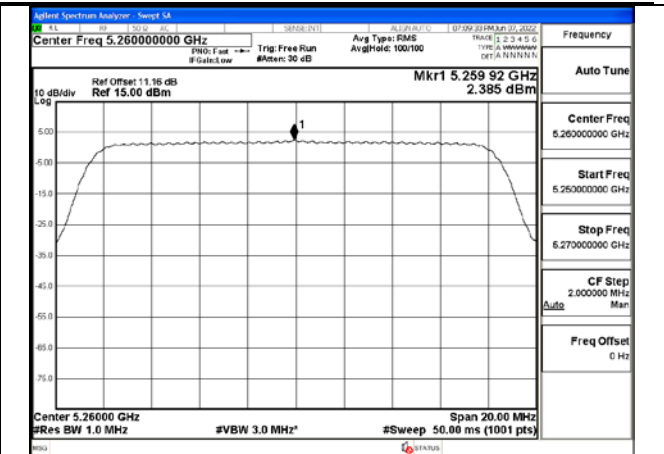
Test Mode:802.11a 5260MHz Chain0



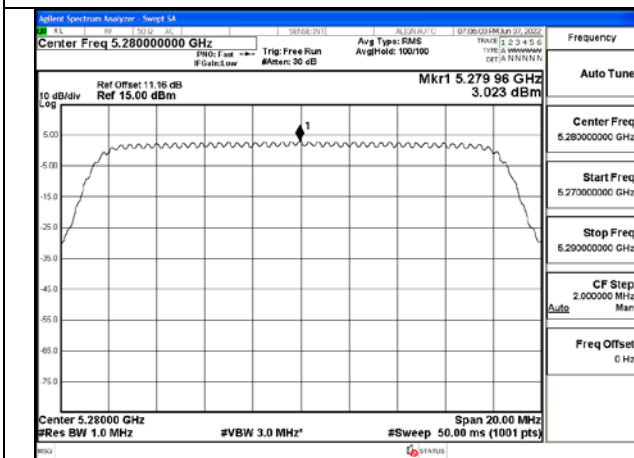
Test Mode:802.11a 5280MHz Chain0



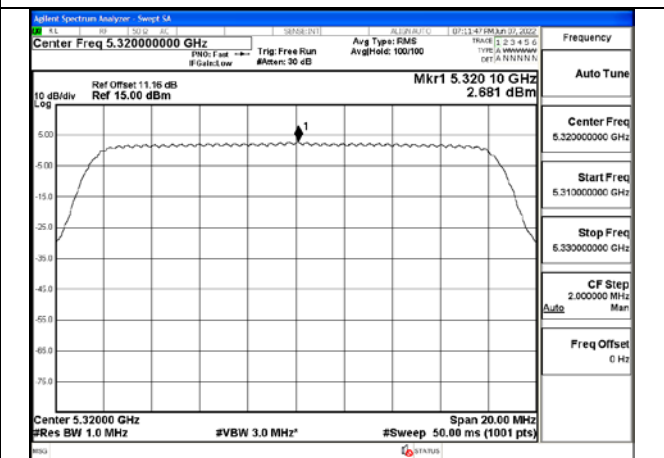
Test Mode:802.11a 5320MHz Chain0



Test Mode:802.11a 5260MHz Chain1

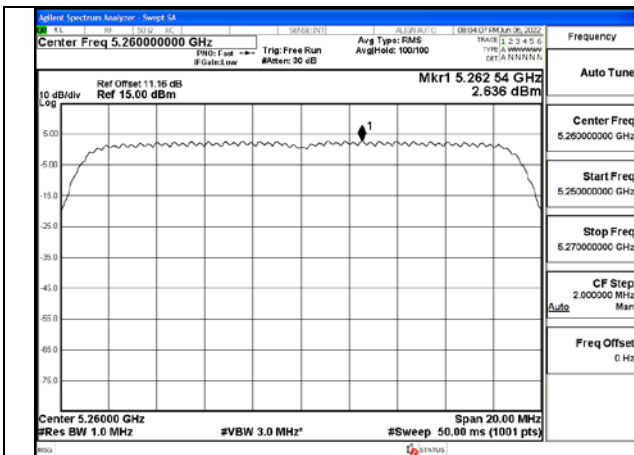


Test Mode:802.11a 5280MHz Chain1

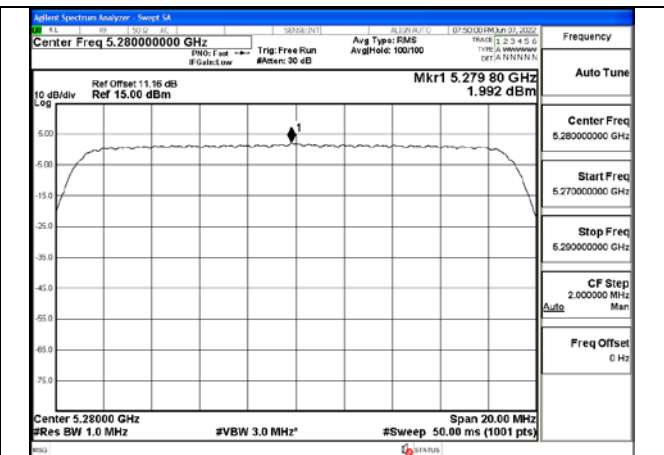


Test Mode:802.11a 5320MHz Chain1

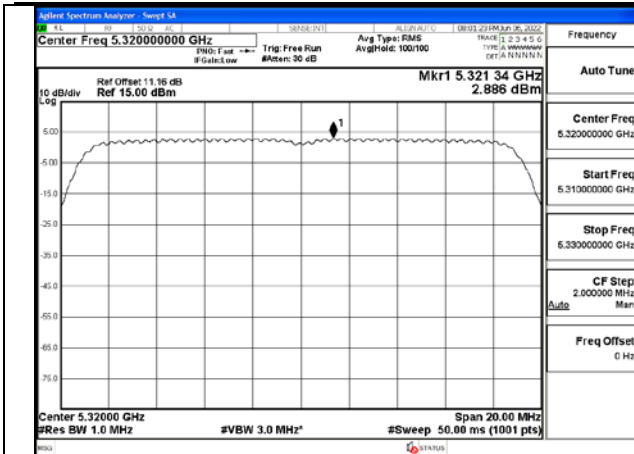
Test Mode: 802.11n HT20



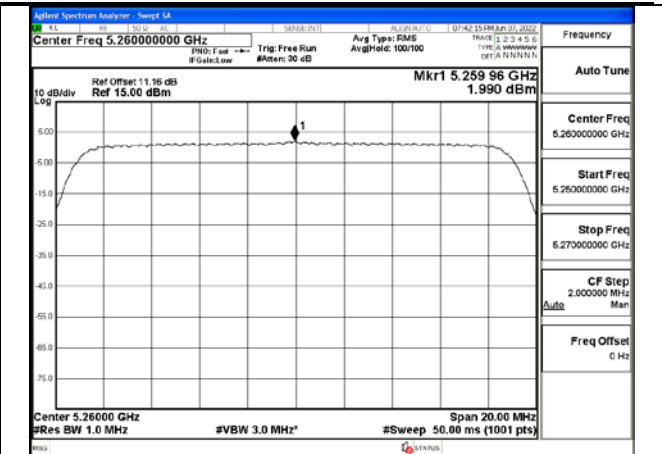
Test Mode:802.11n HT20 5260MHz Chain0



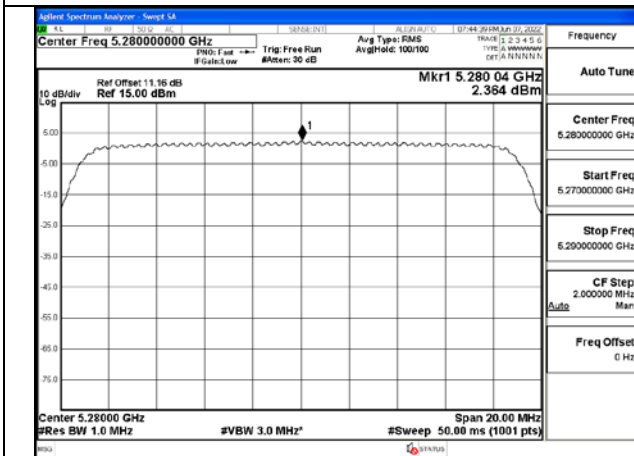
Test Mode:802.11n HT20 5280MHz Chain0



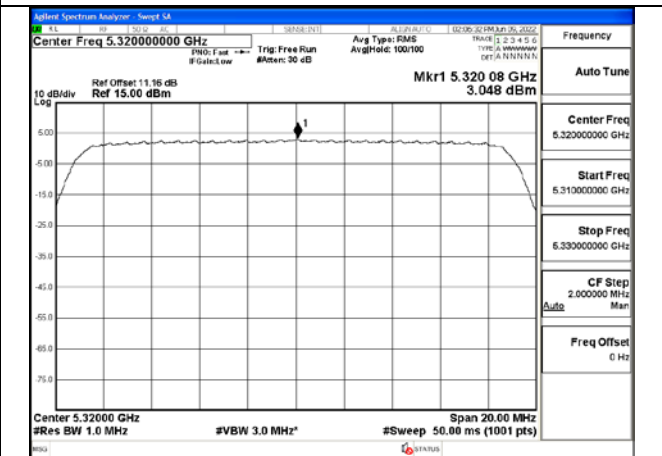
Test Mode:802.11n HT20 5320MHz Chain0



Test Mode:802.11n HT20 5260MHz Chain1

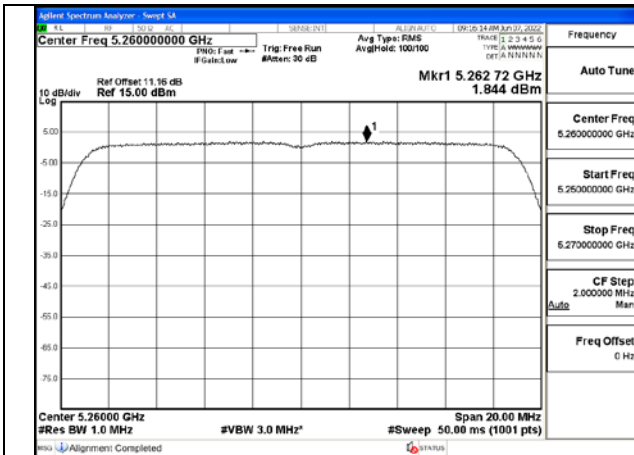


Test Mode:802.11n HT20 5280MHz Chain1

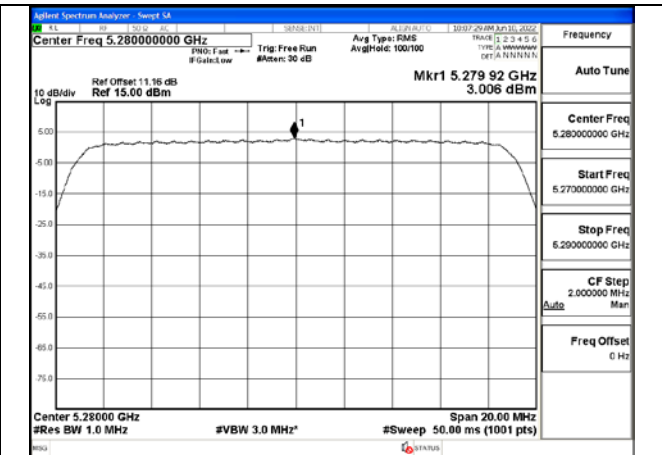


Test Mode:802.11n HT20 5320MHz Chain1

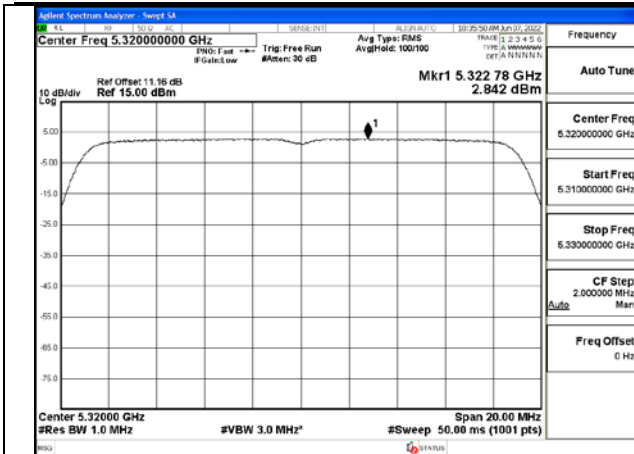
Test Mode: 802.11ac VHT20



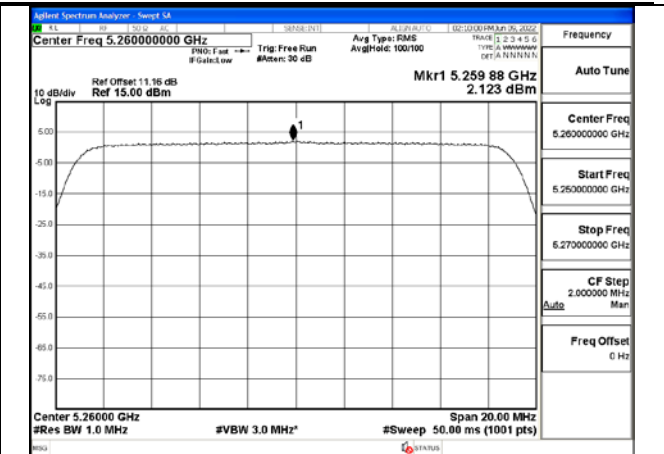
Test Mode:802.11ac VHT20 5260MHz Chain0



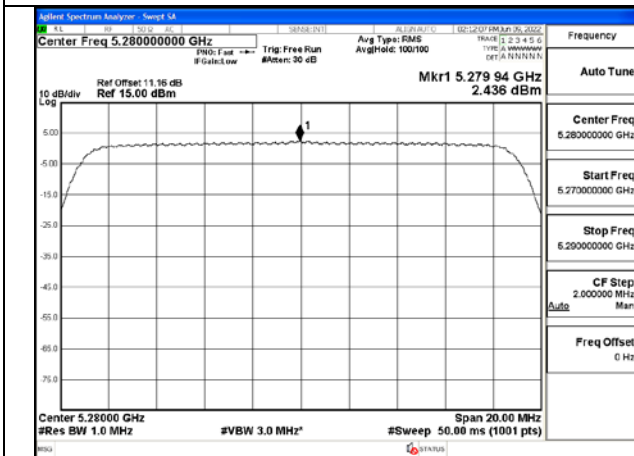
Test Mode:802.11ac VHT20 5280MHz Chain0



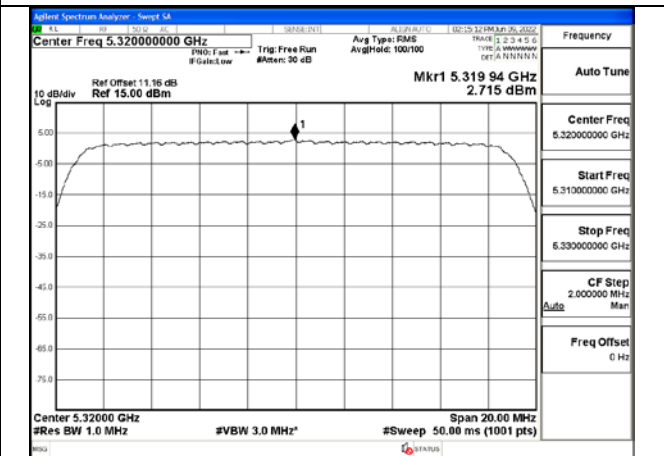
Test Mode:802.11ac VHT20 5320MHz Chain0



Test Mode:802.11ac VHT20 5260MHz Chain1

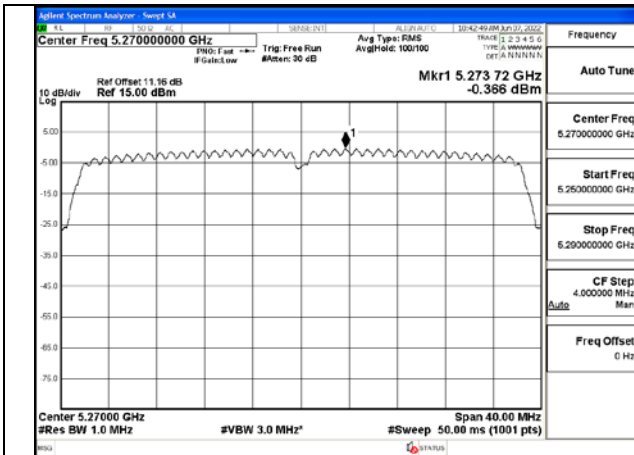


Test Mode:802.11ac VHT20 5280MHz Chain1

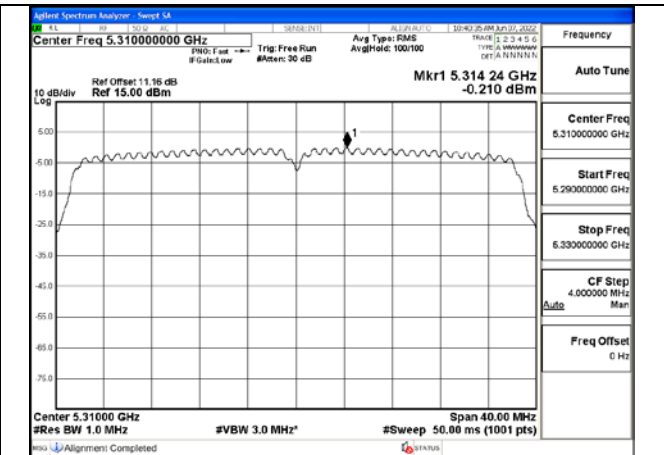


Test Mode:802.11ac VHT20 5320MHz Chain1

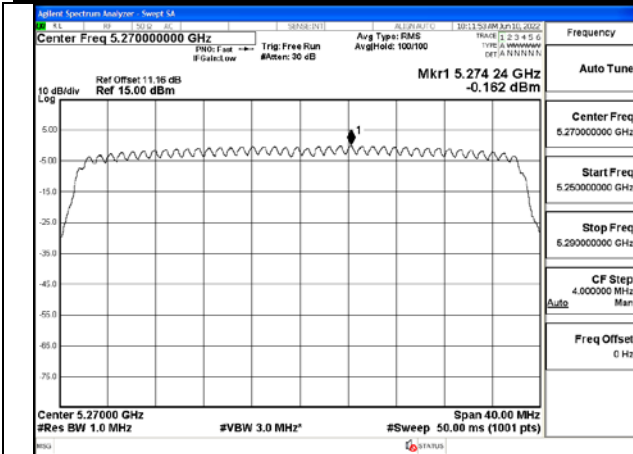
Test Mode: 802.11n HT40



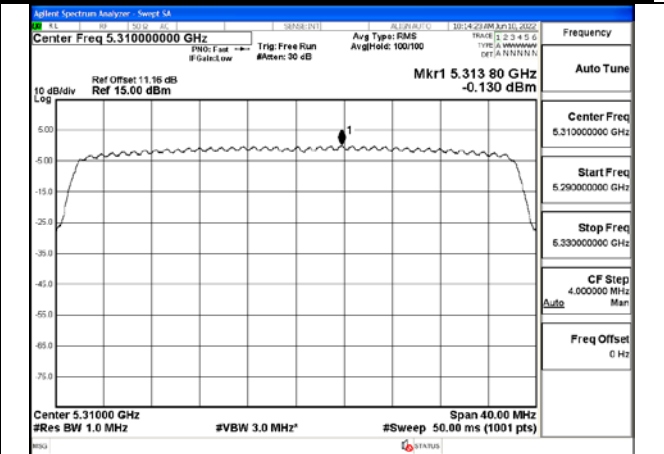
Test Mode:802.11n HT40 5270MHz Chain0



Test Mode:802.11n HT40 5310MHz Chain0

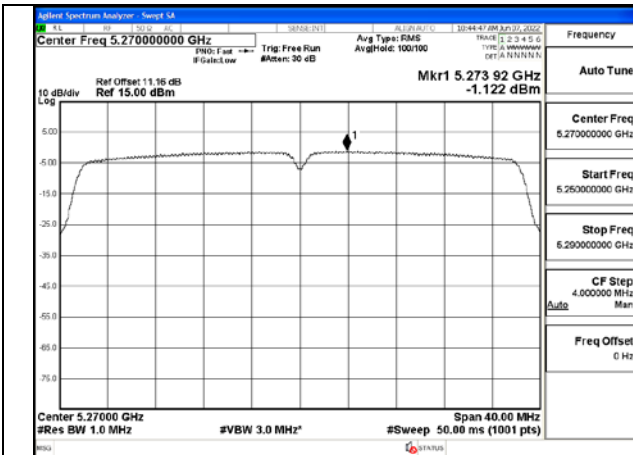


Test Mode:802.11n HT40 5270MHz Chain1

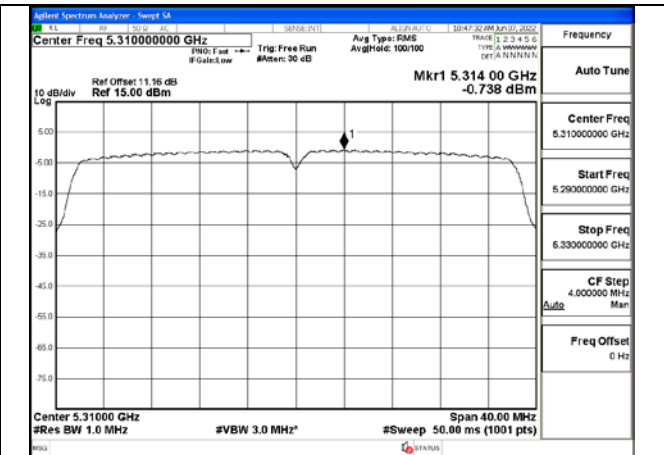


Test Mode:802.11n HT40 5310MHz Chain1

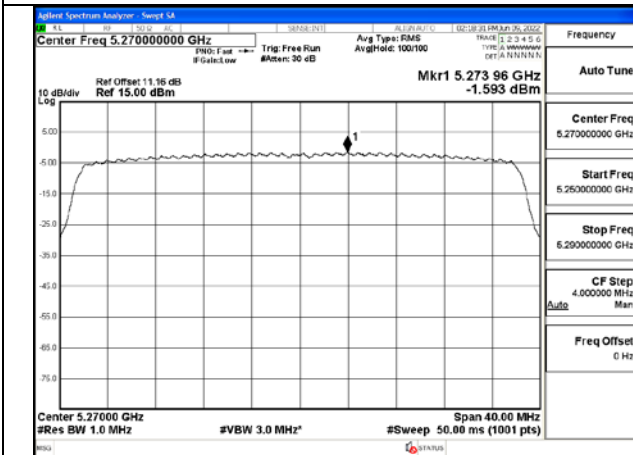
Test Mode: 802.11ac VHT40



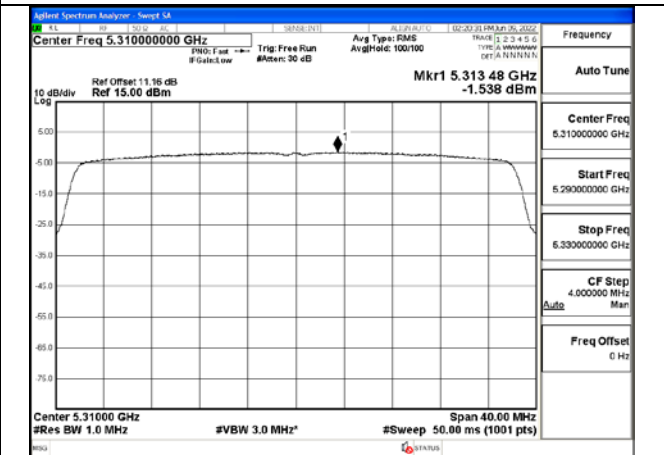
Test Mode:802.11ac VHT40 5270MHz Chain0



Test Mode:802.11ac VHT40 5310MHz Chain0

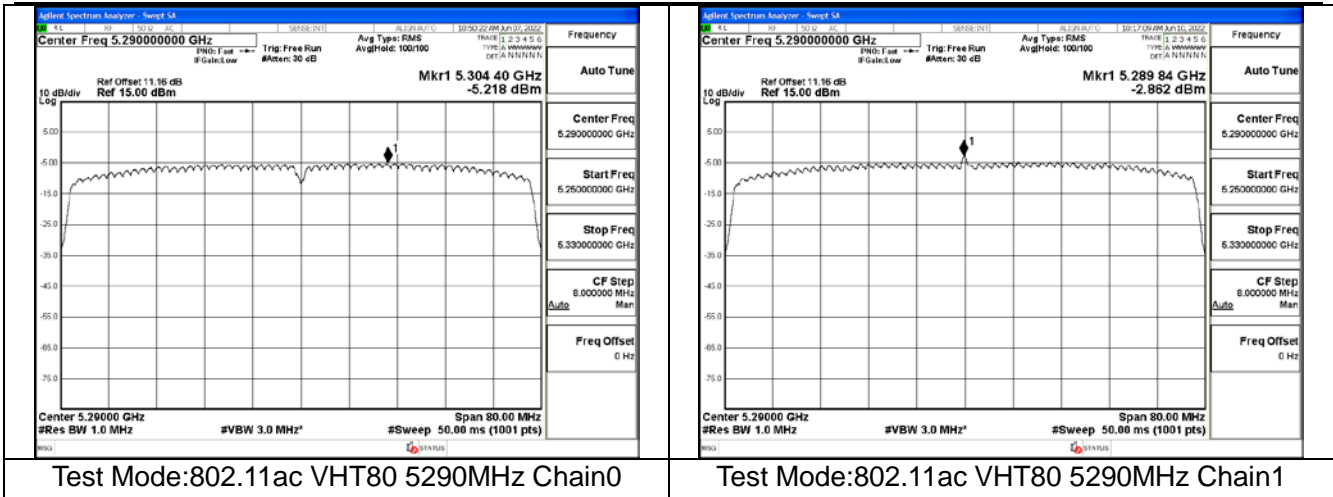


Test Mode:802.11ac VHT40 5270MHz Chain1



Test Mode:802.11ac VHT40 5310MHz Chain1

Test Mode: 802.11ac VHT80



Dynamic Frequency Selection

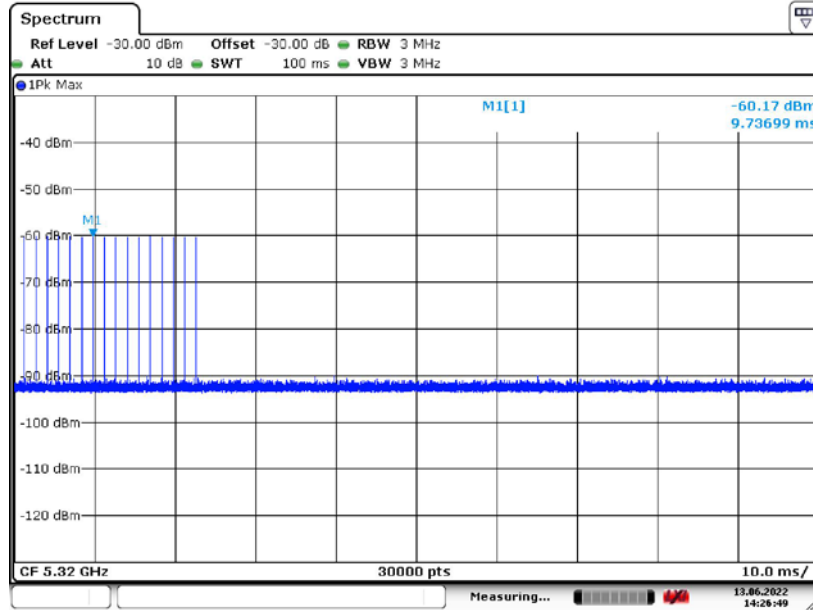
DESCRIPTION OF Master Device

The Master Device is a SKSpruce Technologies Co., Ltd., Indoor Access Point, FCC ID: 2AHKT-WIA3300-20. The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is -60 dBm.

Radar Waveform Calibration Result

<20MHz / 5320 MHz> Radar Type 0

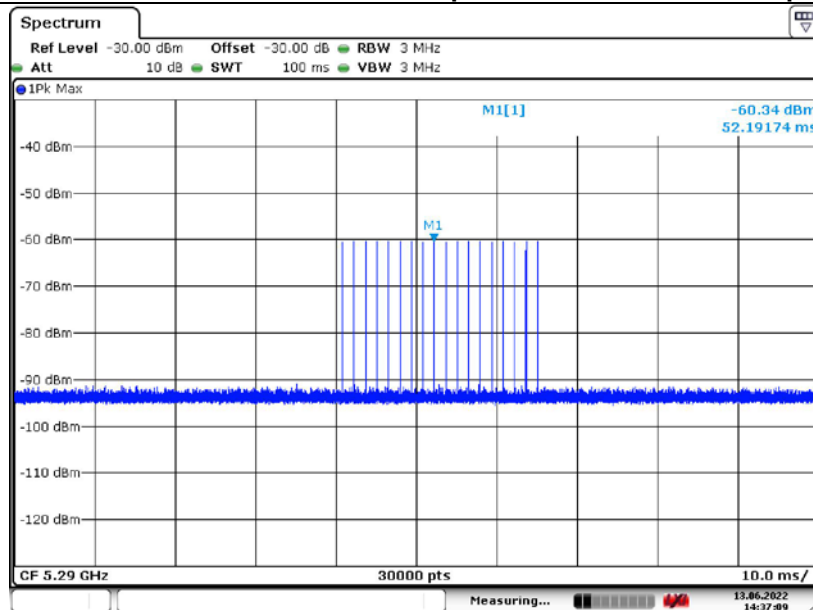
Radar / DFS detection threshold level and the burst of pulses on the Channel frequency



Date: 13.JUN.2022 14:26:49

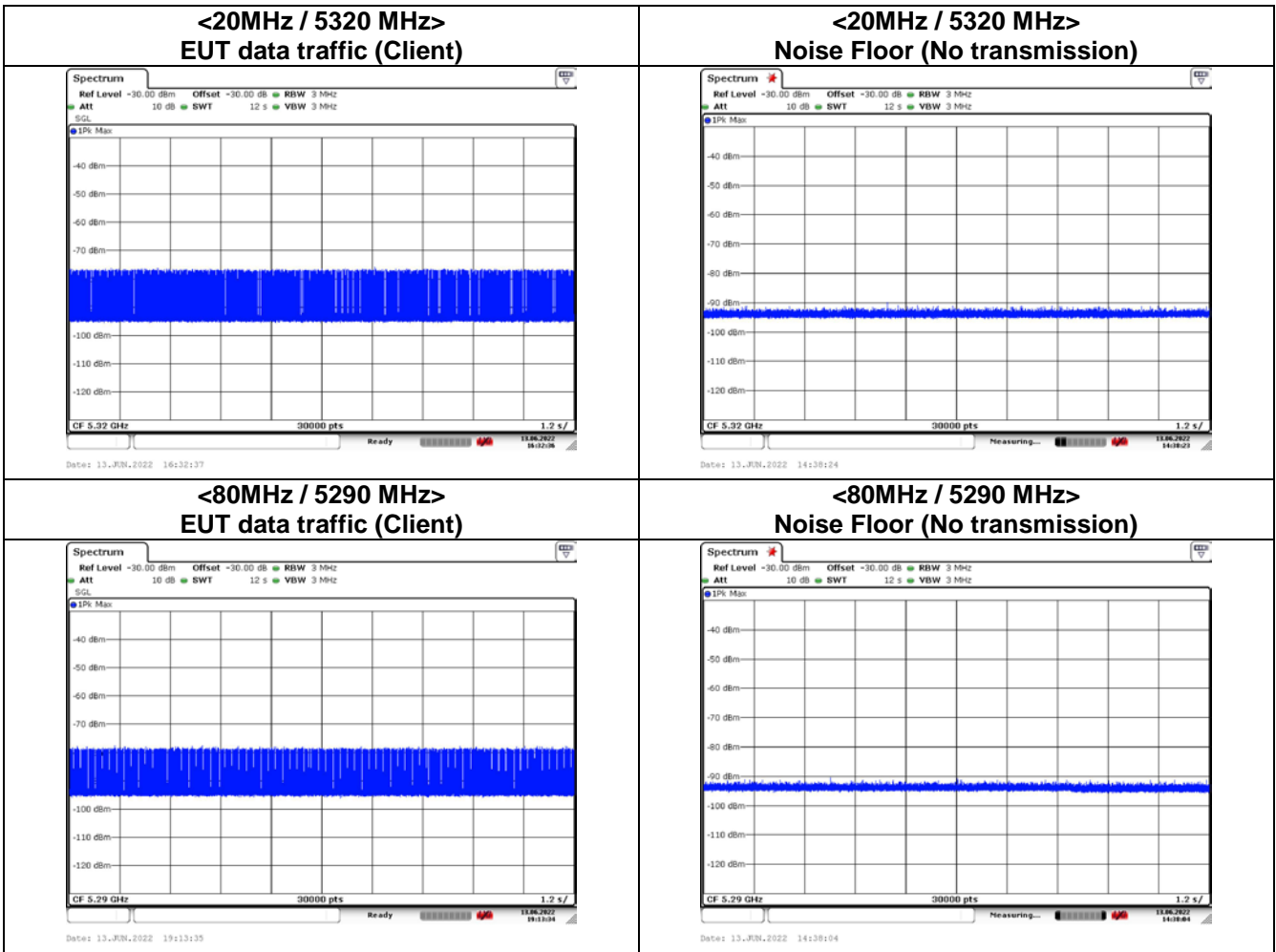
<80MHz / 5290 MHz> Radar Type 0

Radar / DFS detection threshold level and the burst of pulses on the Channel frequency



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Data Traffic and Noise Floor Plots



Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Frequency	Test Item	Test Result	Limit	Pass/Fail
5320MHz	Channel Move Time	< 10s*	< 10s	Pass
	Channel Closing Transmission Time	200ms	< 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass
5290MHz	Channel Move Time	< 10s*	< 10s	Pass
	Channel Closing Transmission Time	200ms	< 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

Note*: We notice clearly that “Channel Move Time” is less than 10s from the figure. The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test Plots

