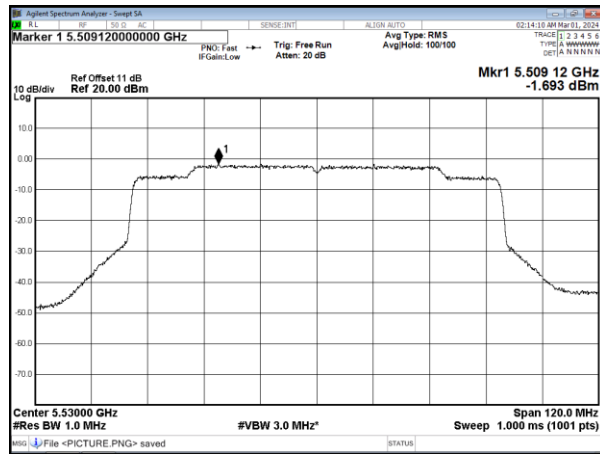




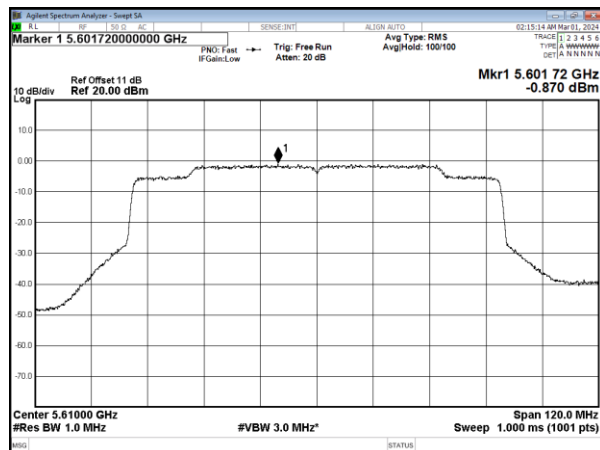
UNII-2C

Modulation Standard: 802.11 ax HE80 (30.6Mbps)

CH106



CH122

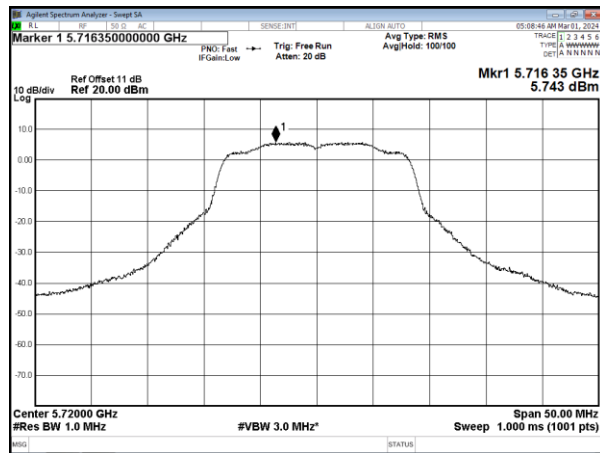




Band: Straddle Channel

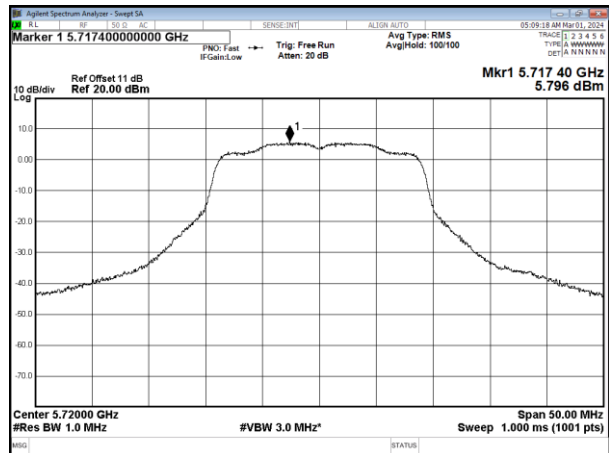
Modulation Standard: 802.11a (6.5Mbps)

CH144



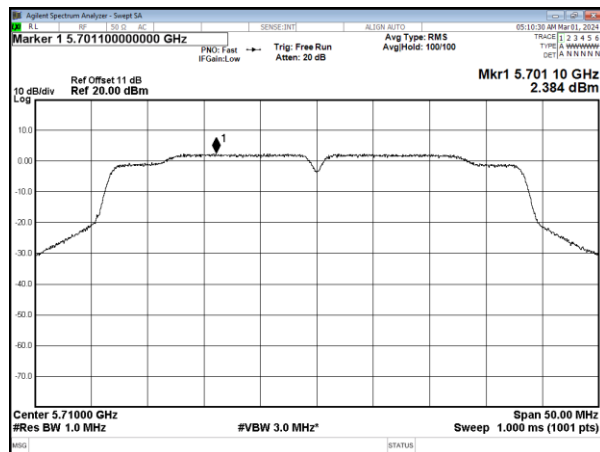
Modulation Standard: 802.11ac VHT20 (6.5Mbps)

CH144



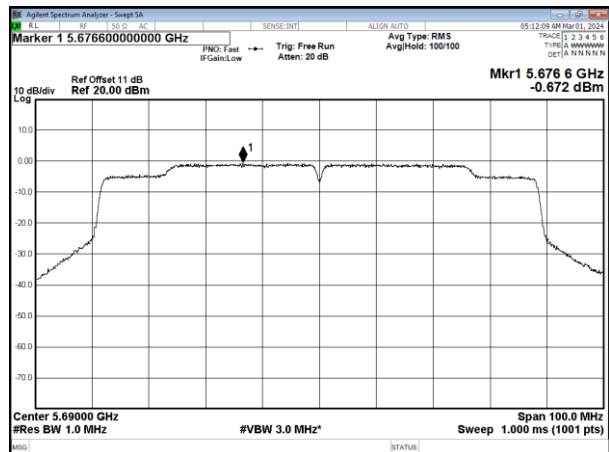
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH142



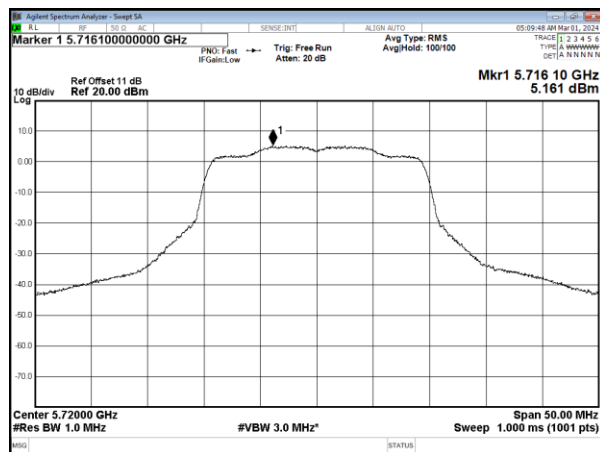
Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH138



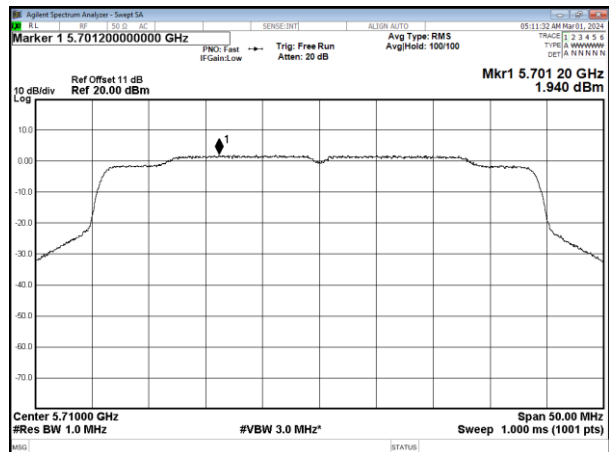
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH144



Modulation Standard: 802.11 ax HE40 (14.6Mbps)

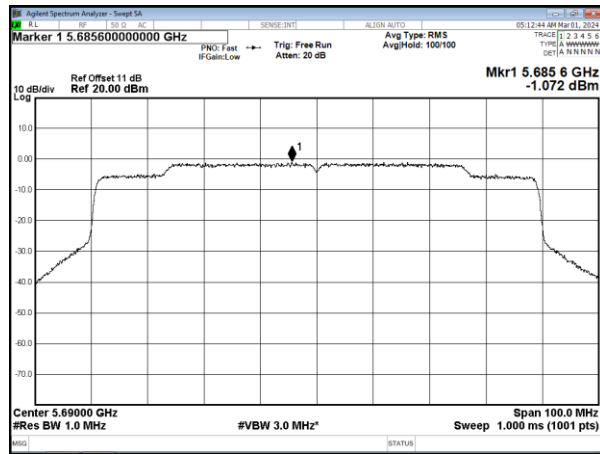
CH142





Modulation Standard: 802.11 ax HE80 (30.6Mbps)

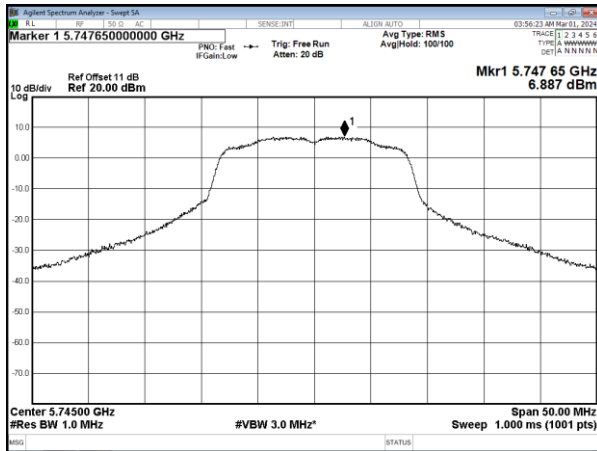
CH138



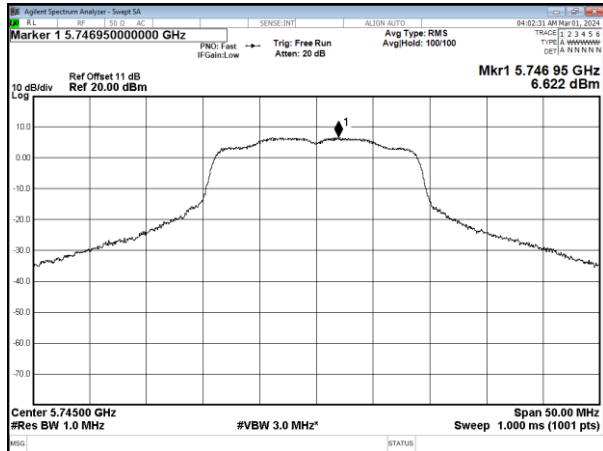


UNII-3

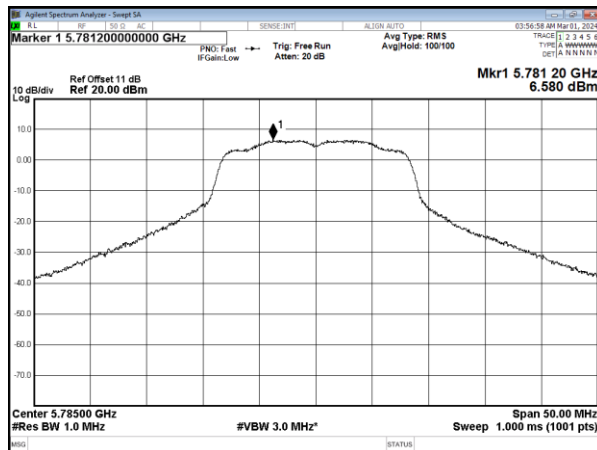
Modulation Type: 802.11a (6Mbps)
CH149



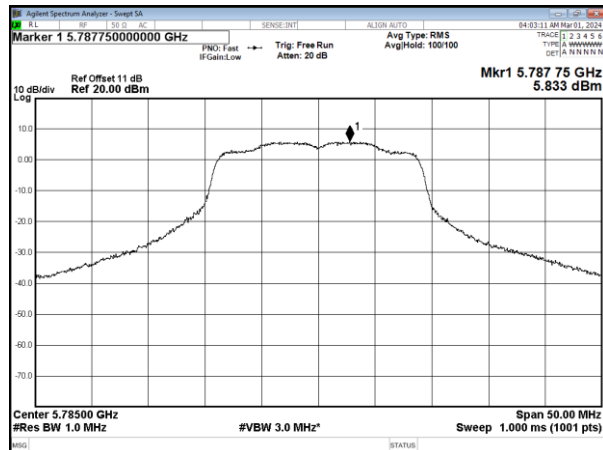
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



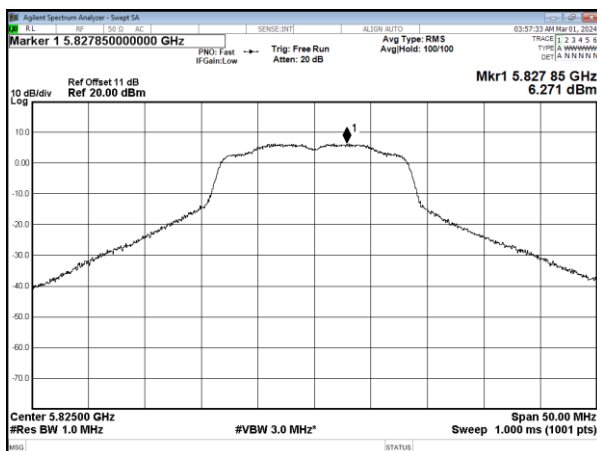
CH157



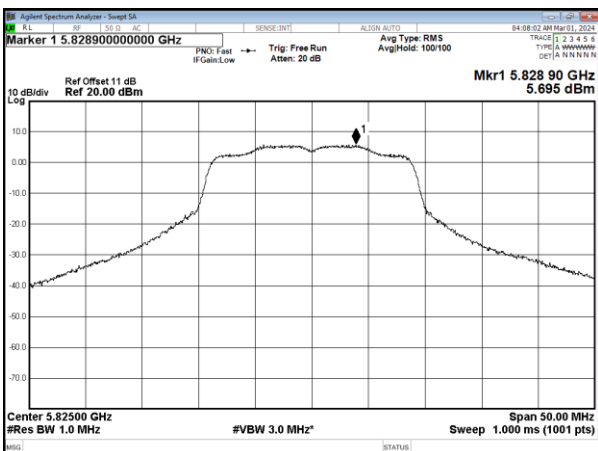
CH157



CH165



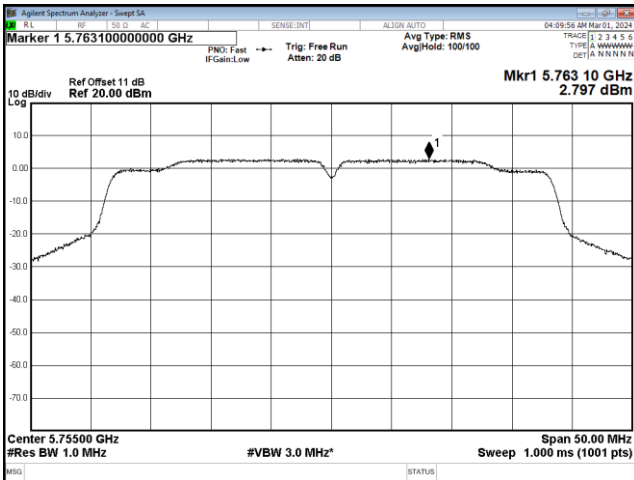
CH165



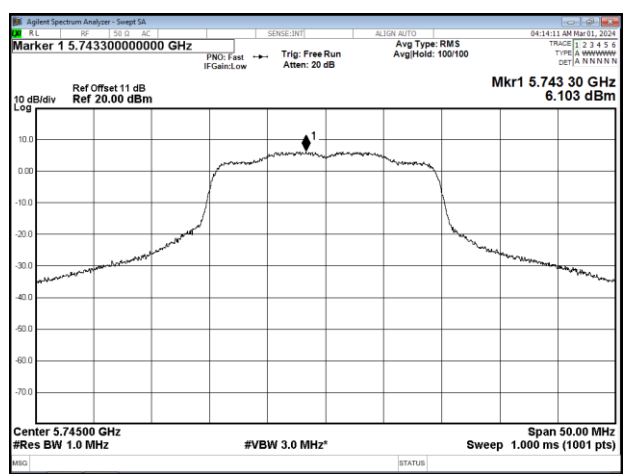


UNII-3

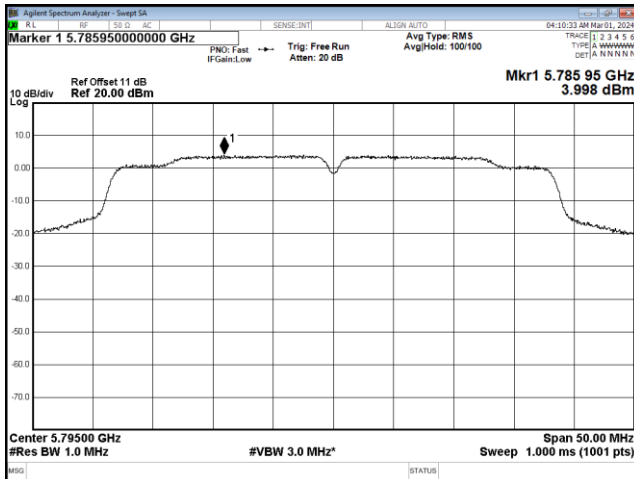
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



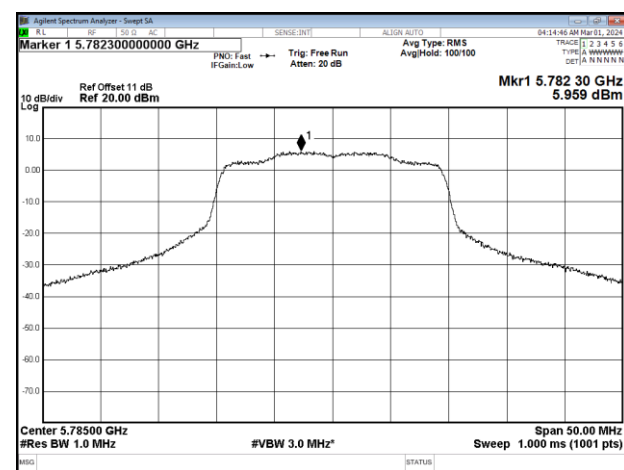
Modulation Type: 802.11n HE20 (7.3Mbps)
CH149



CH159

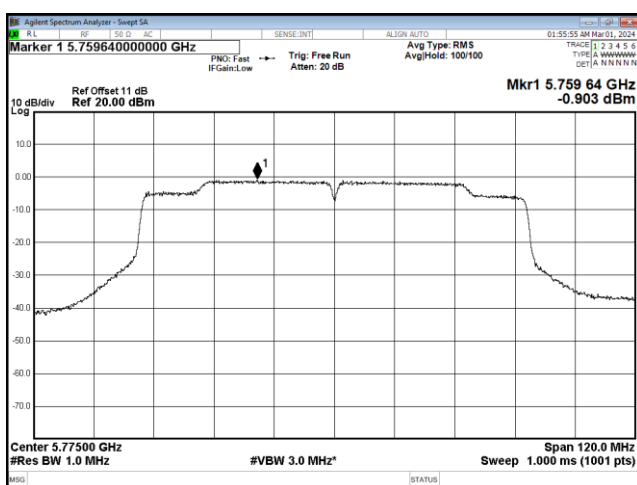


CH157

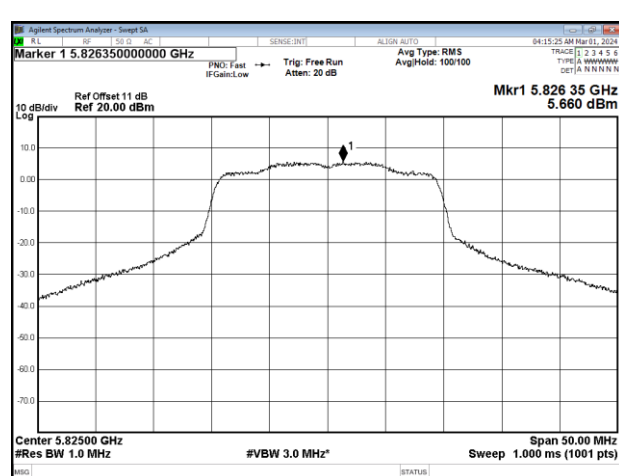


Modulation Type: 802.11ac, VHT80 (29.3Mbps)

CH155

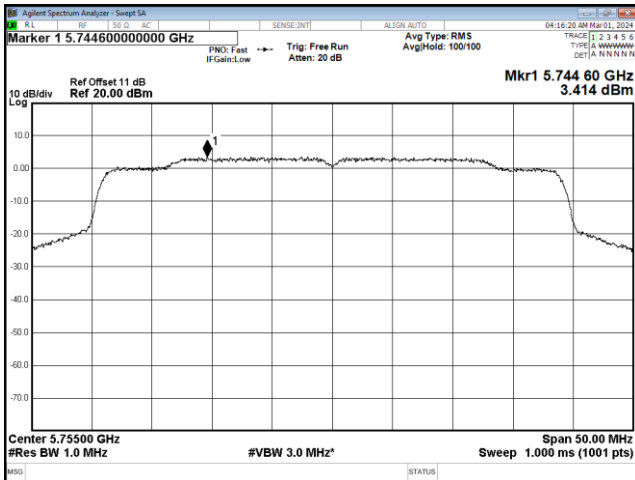


CH165

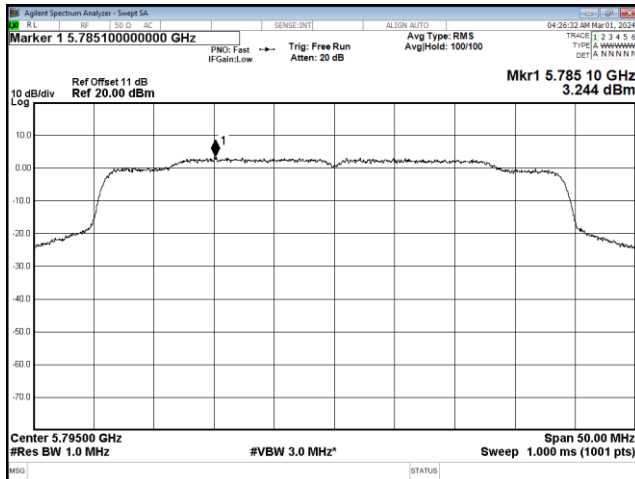




UNII-3

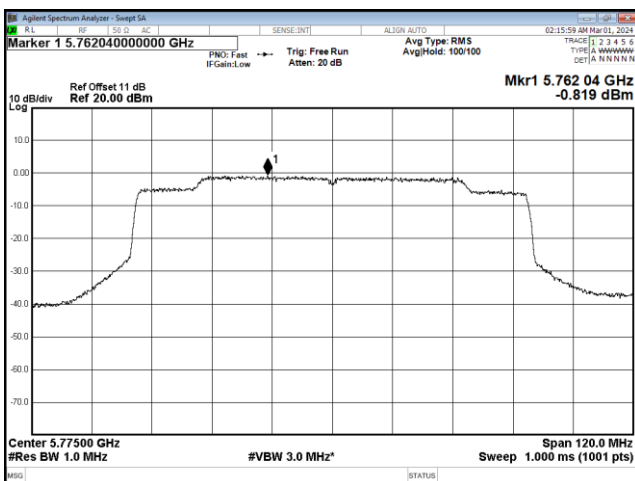
Modulation Type: 802.11 ax HE40 (14.6Mbps)
CH151

CH159



Modulation Type: 802.11ax HE80 (30.6Mbps)

CH155



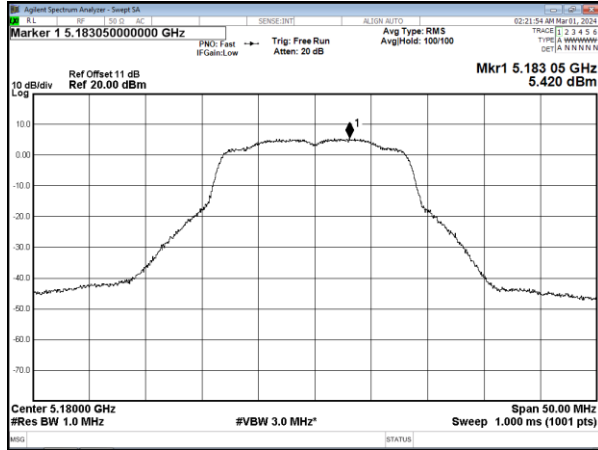


SISO (ANT B)

UNII-1

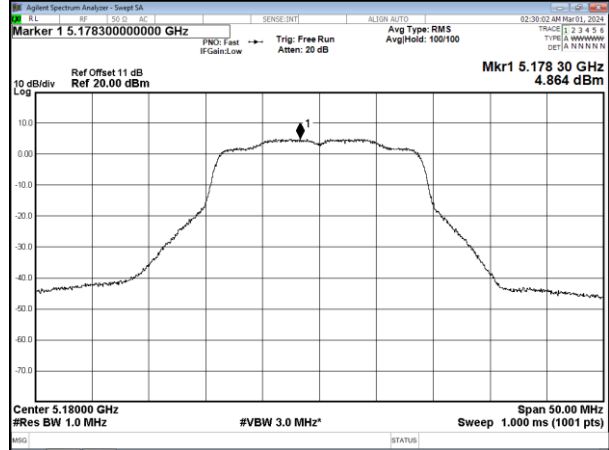
Modulation Standard: 802.11a (6Mbps)

CH36

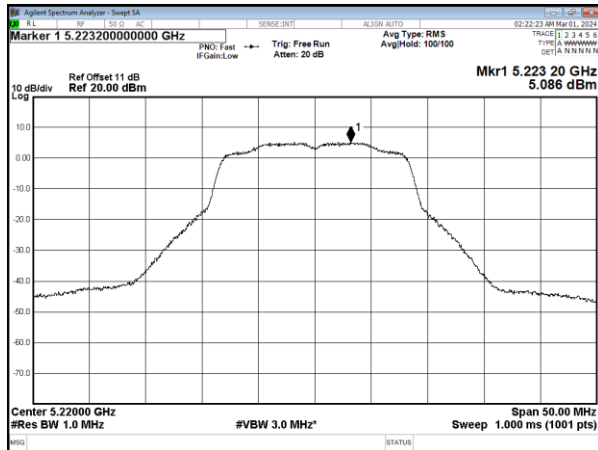


Modulation Standard: 802.11ac VHT20 (6.5Mbps)

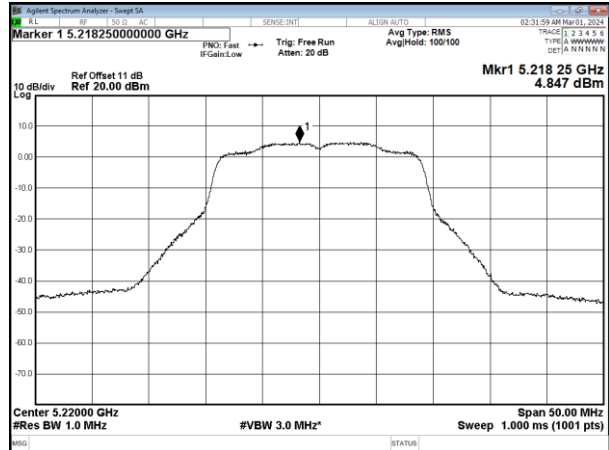
CH36



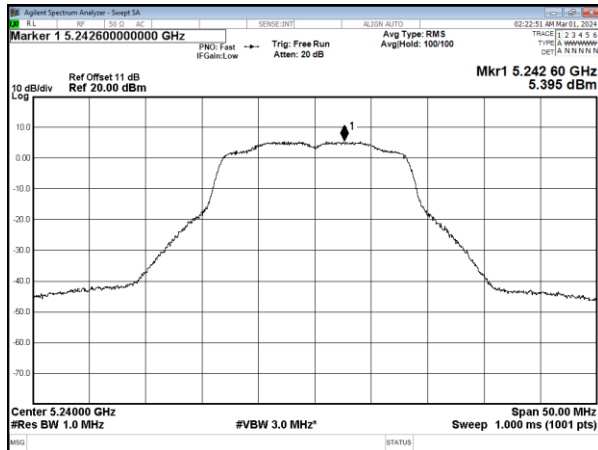
CH44



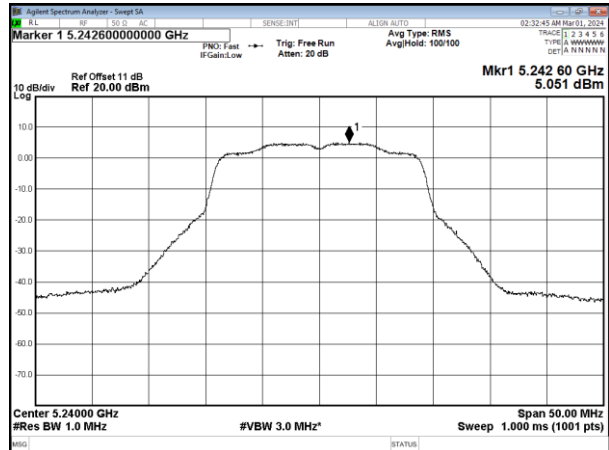
CH44



CH48



CH48

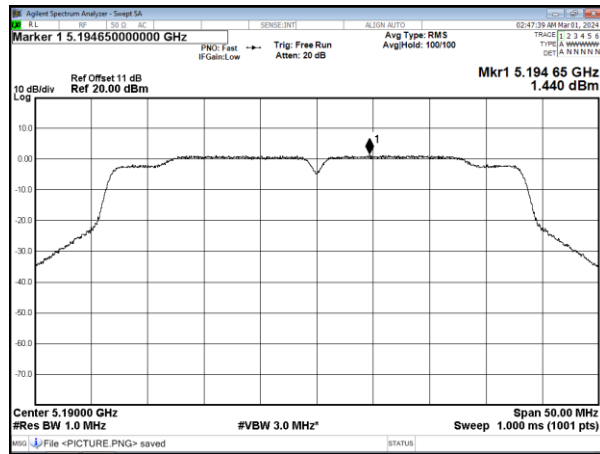




UNII-1

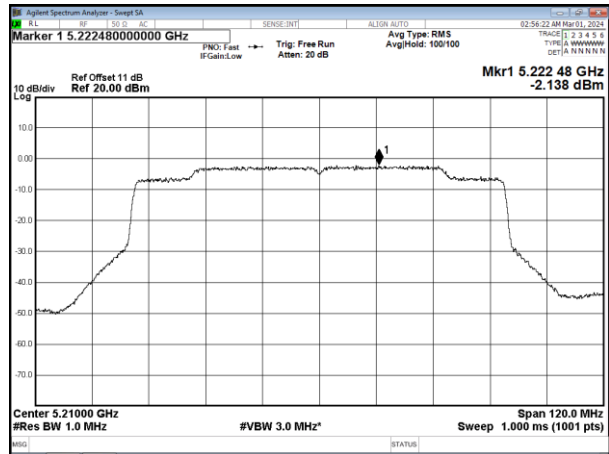
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH38

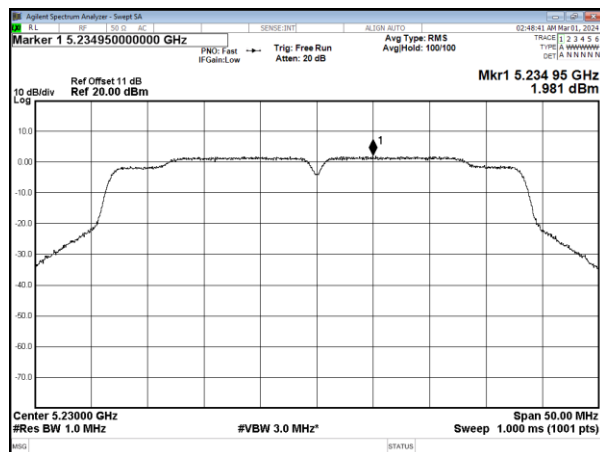


Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH42



CH46

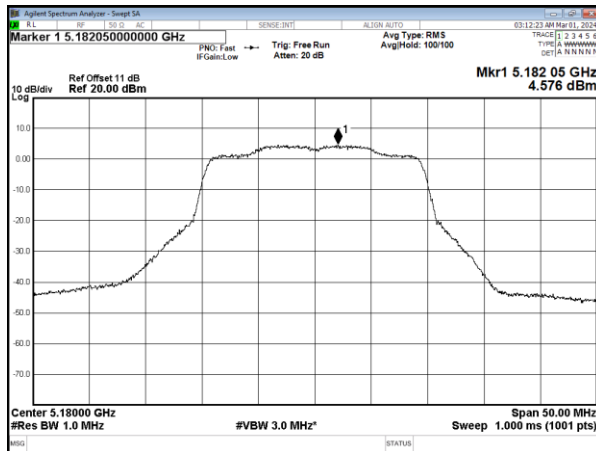




UNII-1

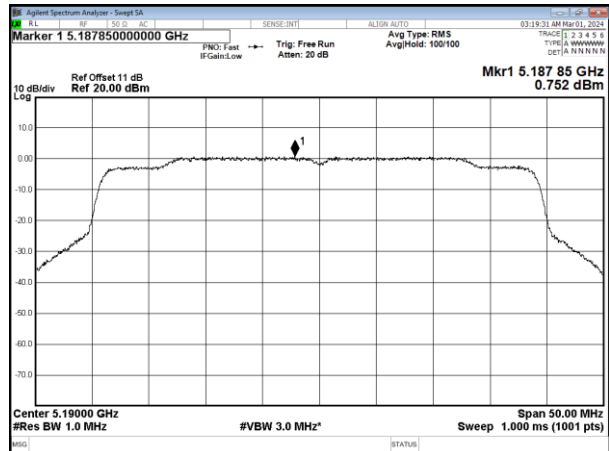
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH36

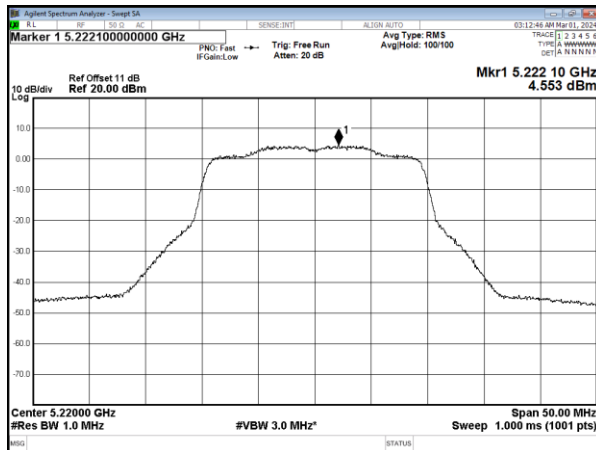


Modulation Standard: 802.11 ax HE40 (14.6Mbps)

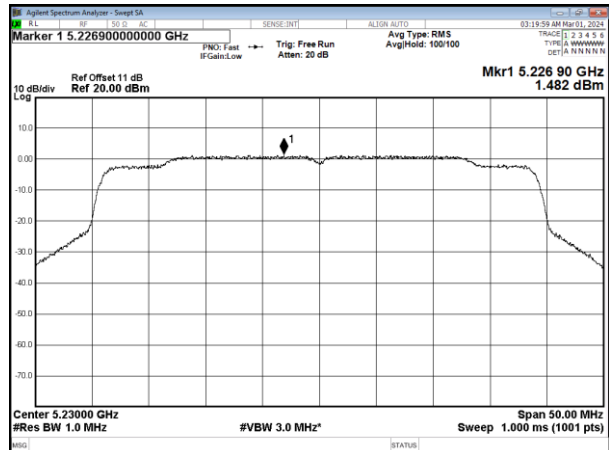
CH38



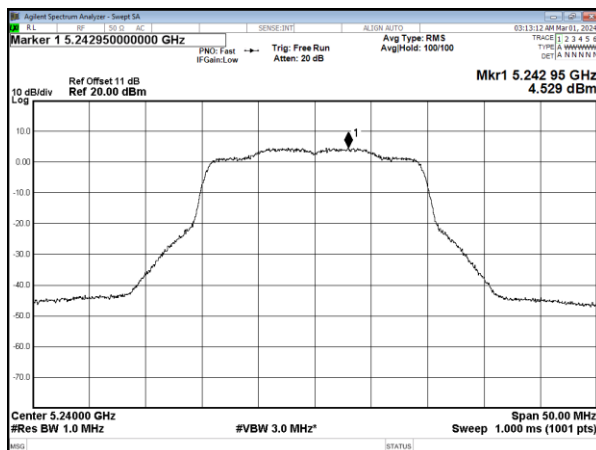
CH44



CH46

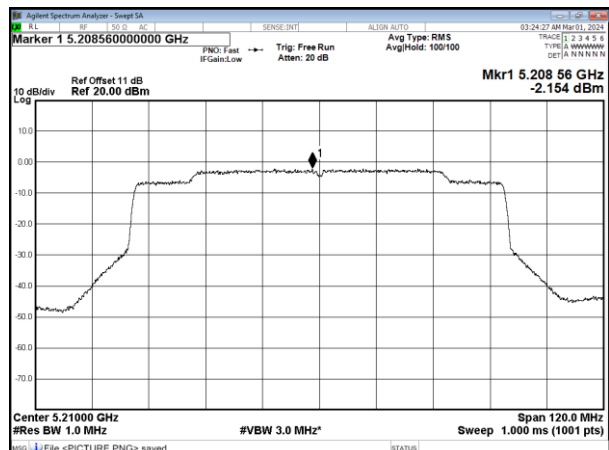


CH48



Modulation Standard: 802.11 ax HE80 (30.6Mbps)

CH42

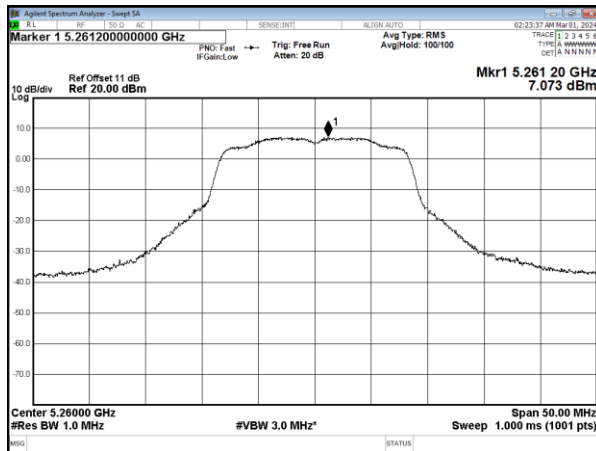




UNII-2A

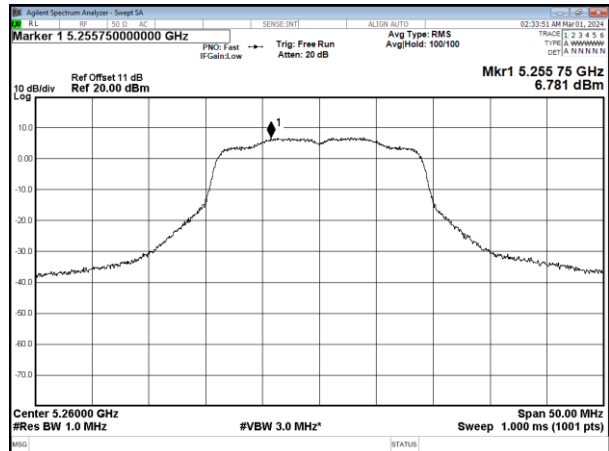
Modulation Standard: 802.11a (6Mbps)

CH52

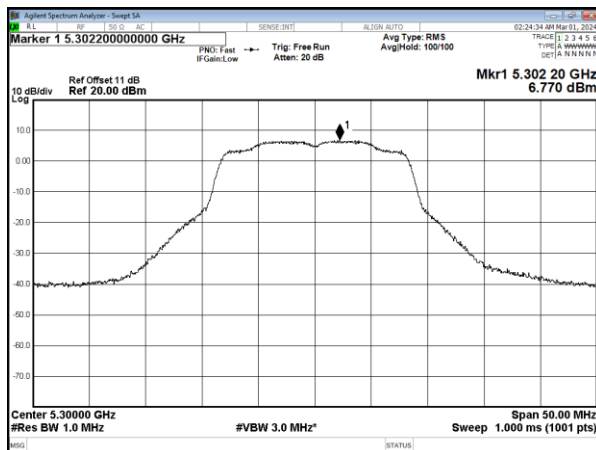


Modulation Standard: 802.11ac VHT20 (6.5Mbps)

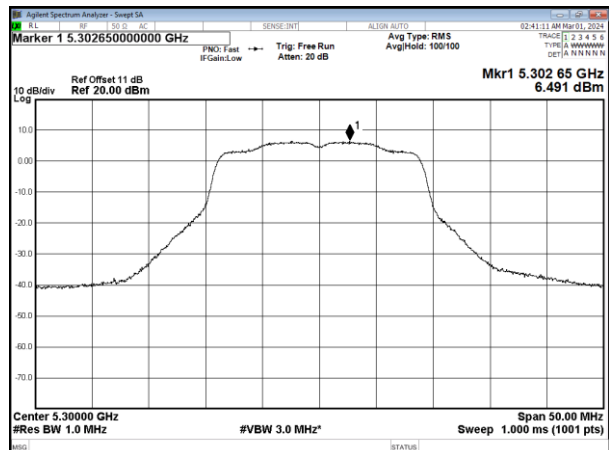
CH52



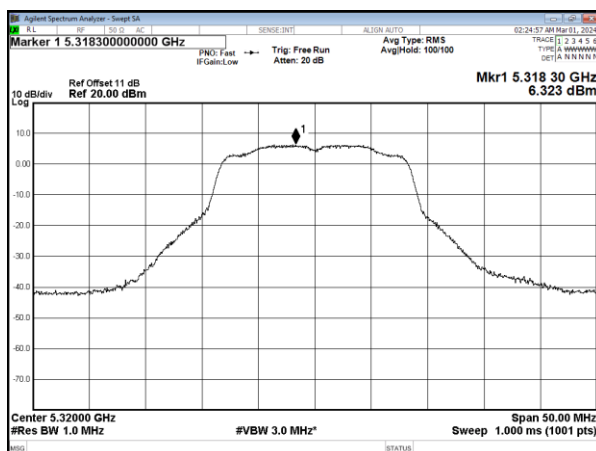
CH60



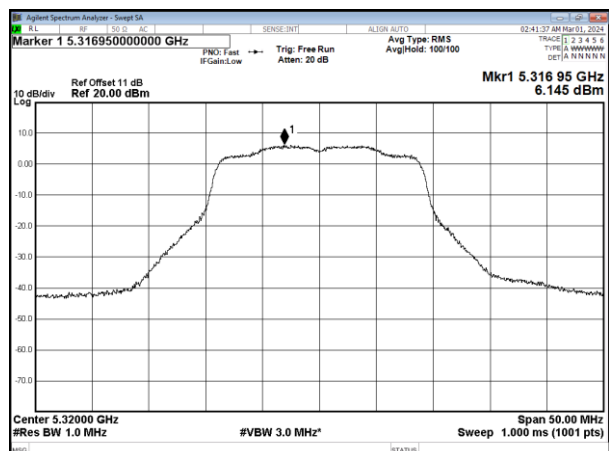
CH60



CH64



CH64

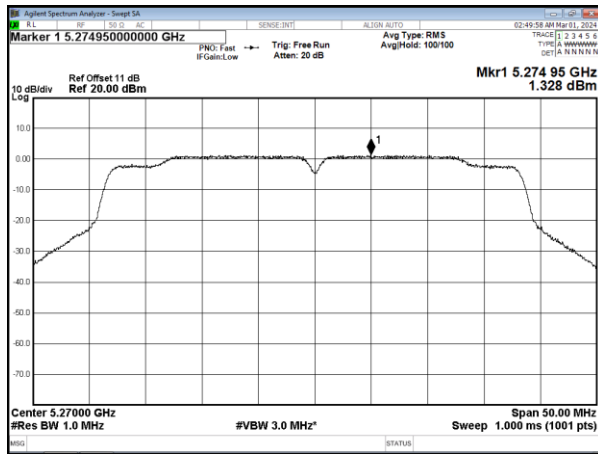




UNII-2A

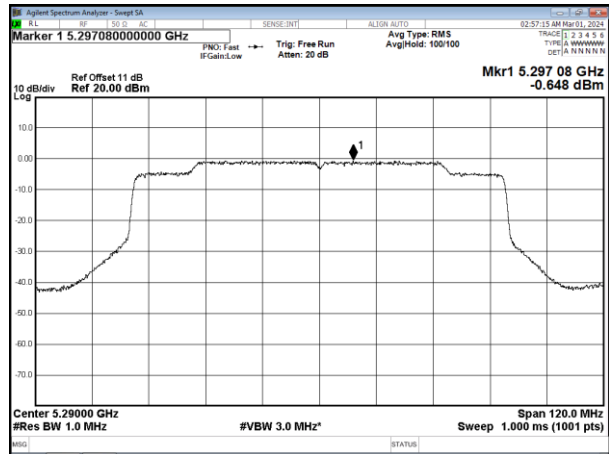
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH54

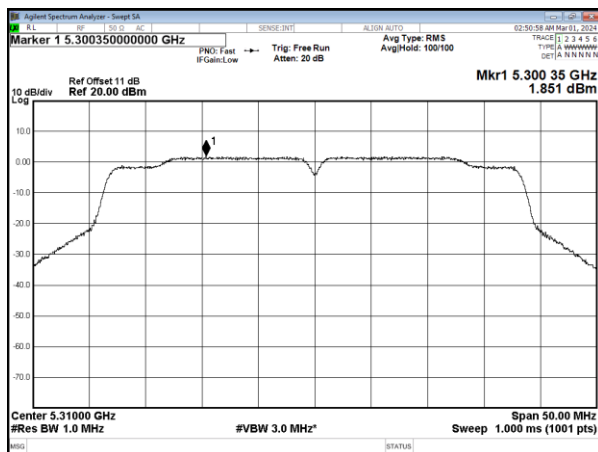


Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH58



CH62

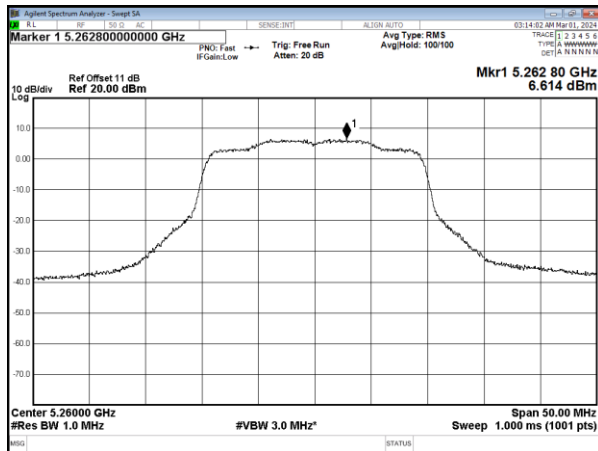




UNII-2A

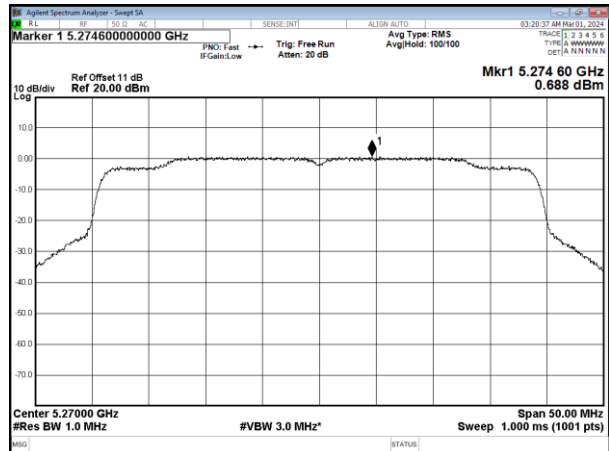
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH52

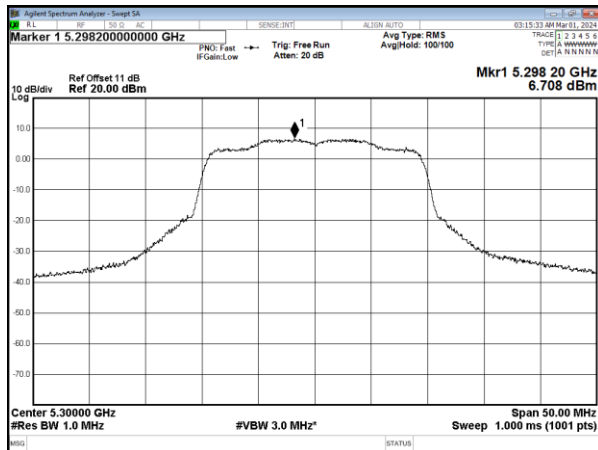


Modulation Standard: 802.11 ax HE40 (14.6Mbps)

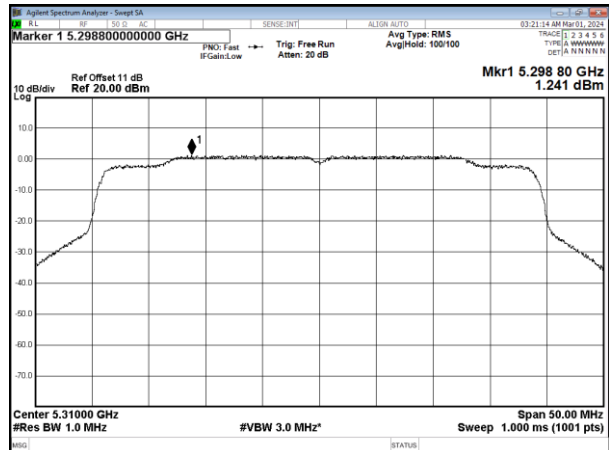
CH54



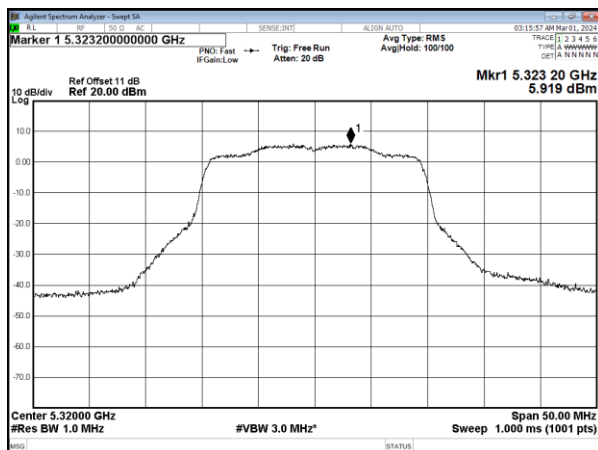
CH60



CH62

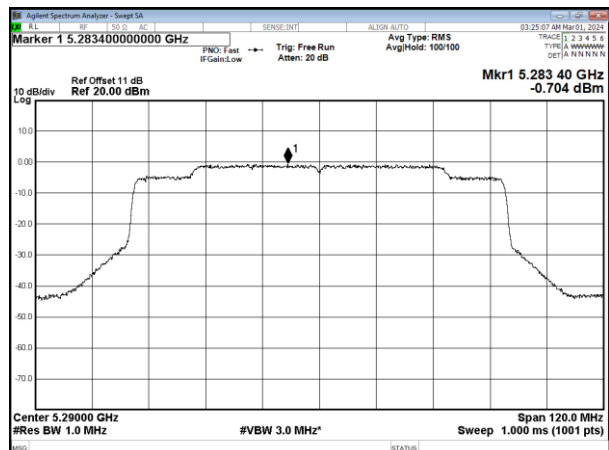


CH64



Modulation Standard: 802.11 ax HE80 (30.6Mbps)

CH58

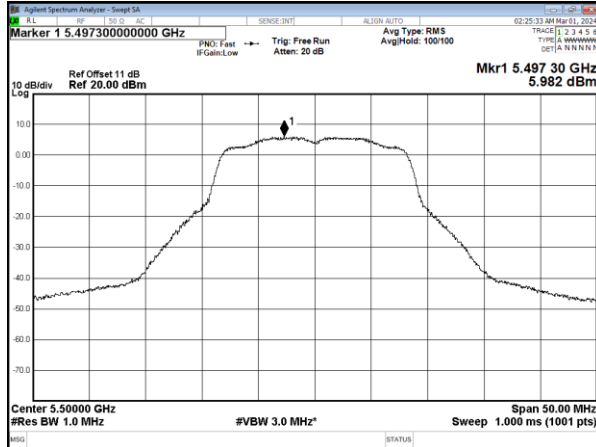




UNII-2C

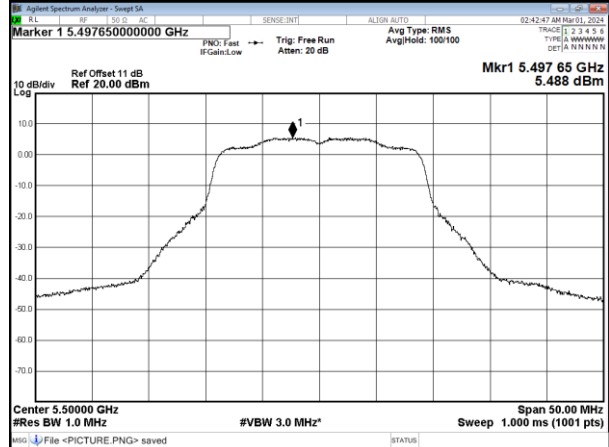
Modulation Standard: 802.11a (6Mbps)

CH100

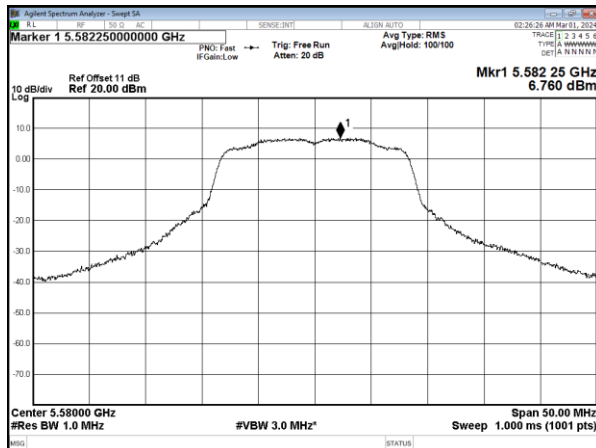


Modulation Standard: 802.11ac VHT20 (6.5Mbps)

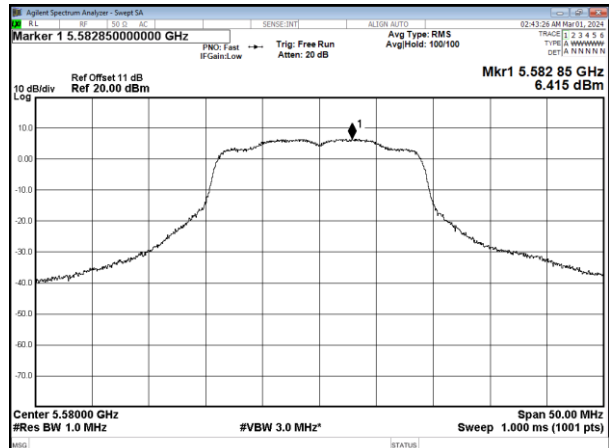
CH100



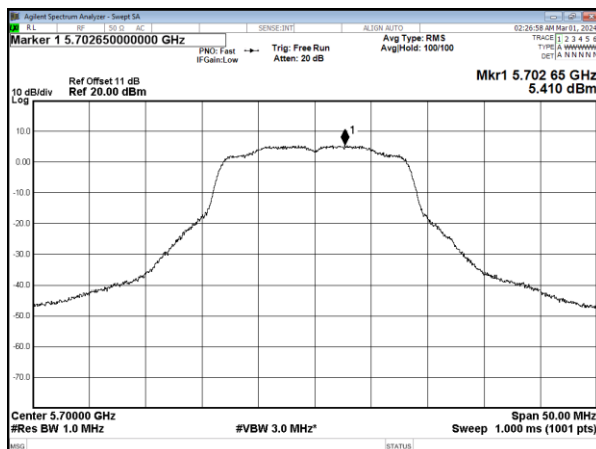
CH116



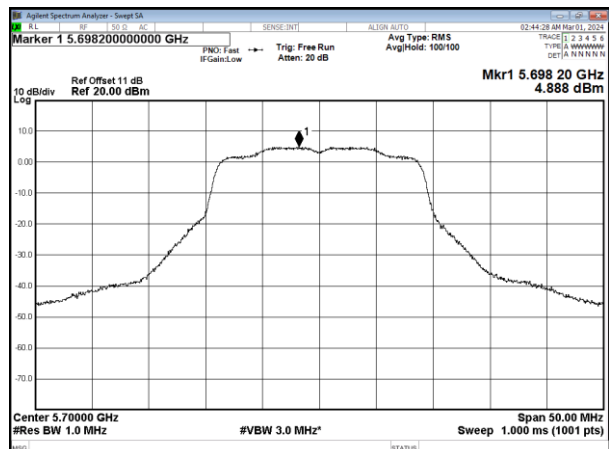
CH116



CH140



CH140

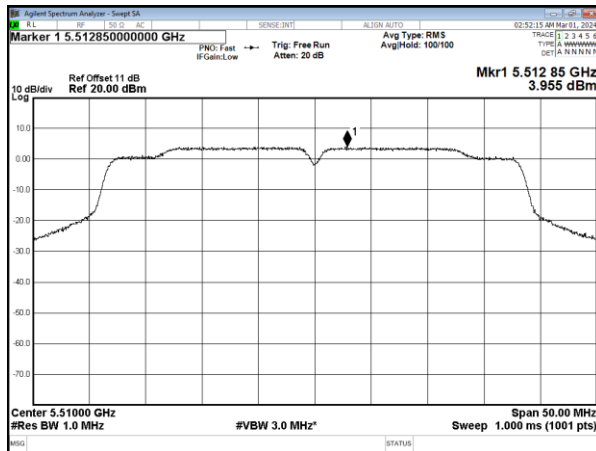




UNII-2C

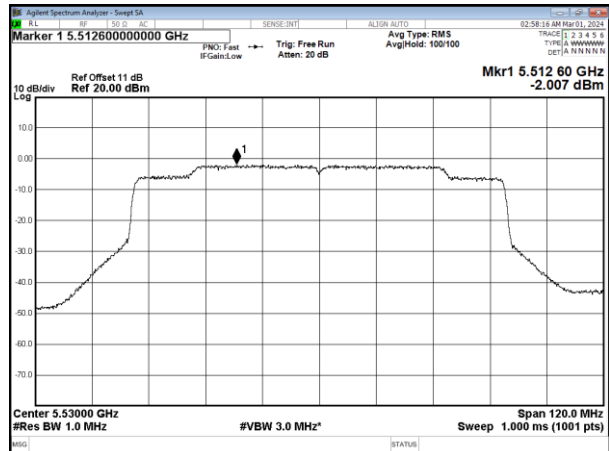
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH102

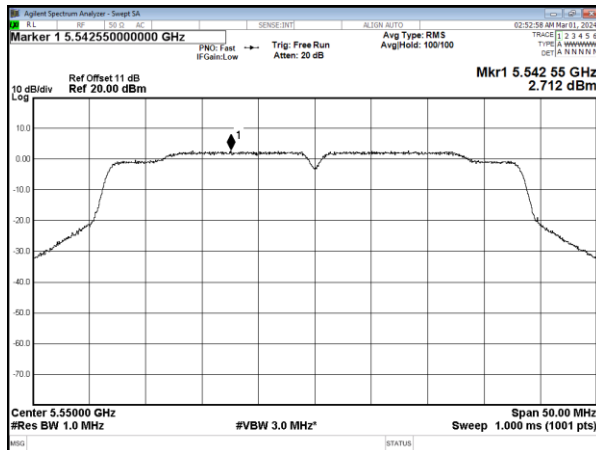


Modulation Standard: 802.11ac VHT80 (29.3Mbps)

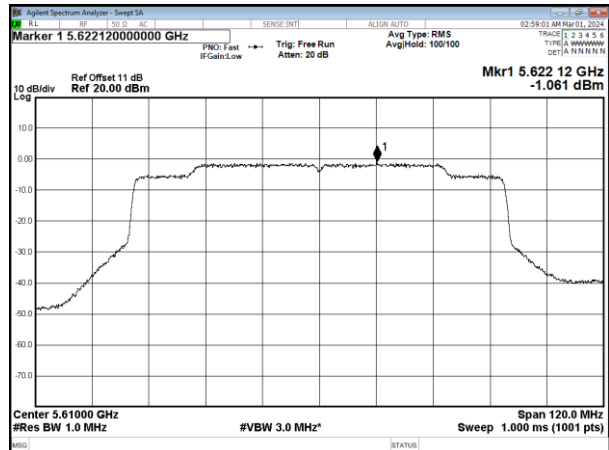
CH106



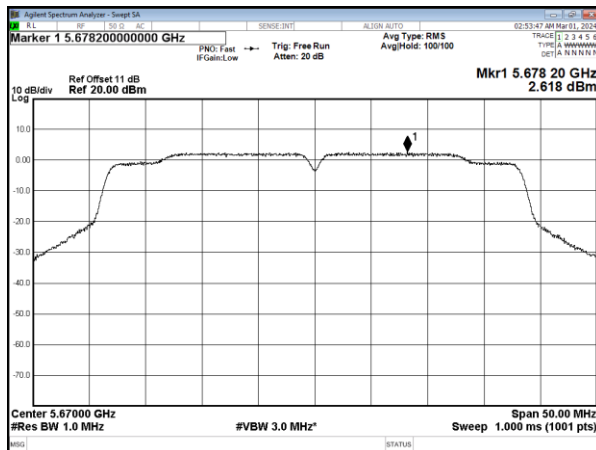
CH110



CH122



CH134

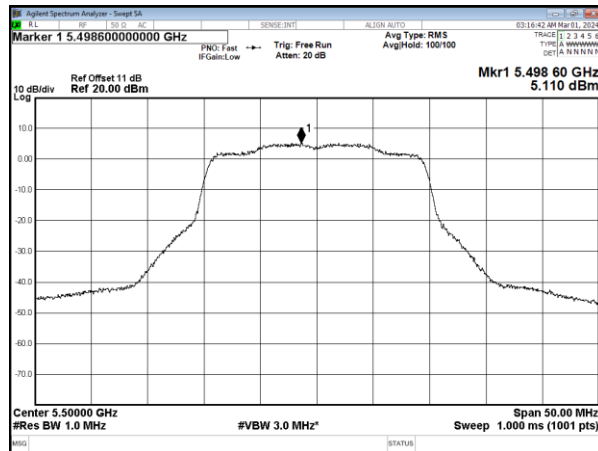




UNII-2C

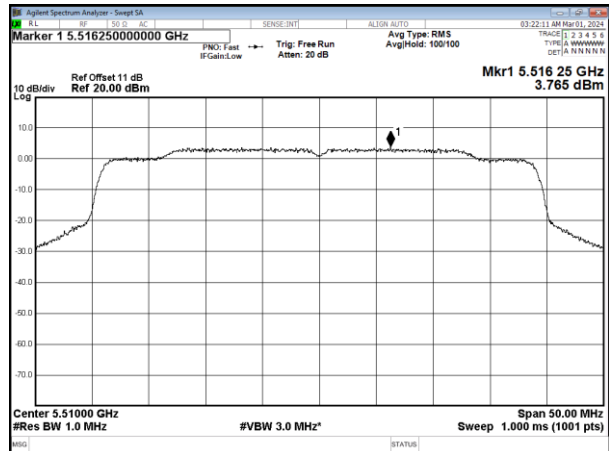
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH100

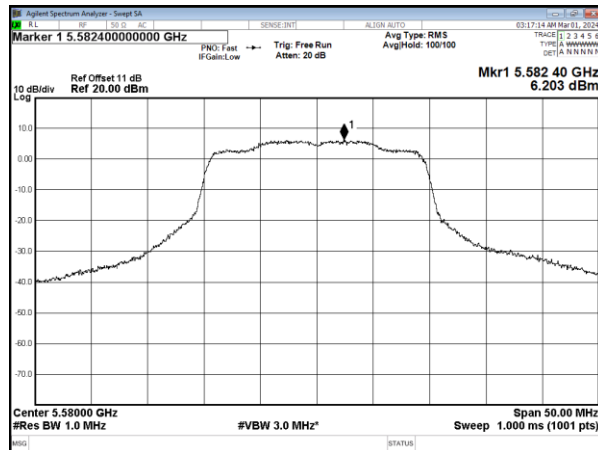


Modulation Standard: 802.11 ax HE40 (14.6Mbps)

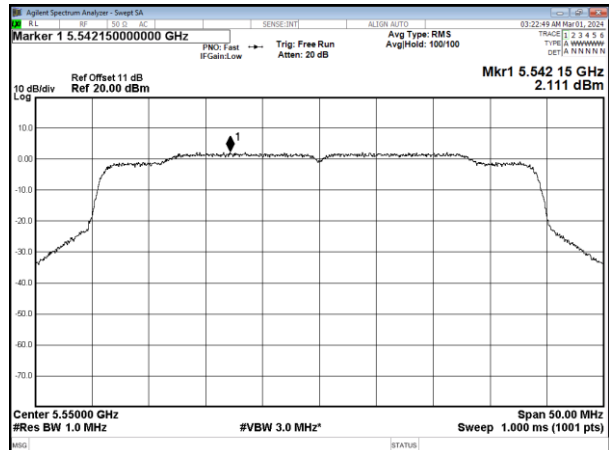
CH102



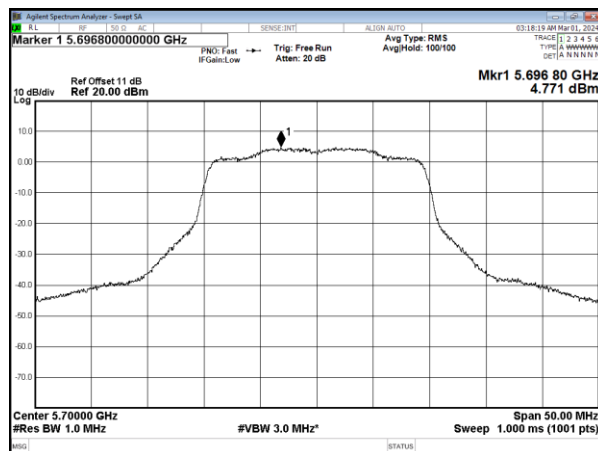
CH116



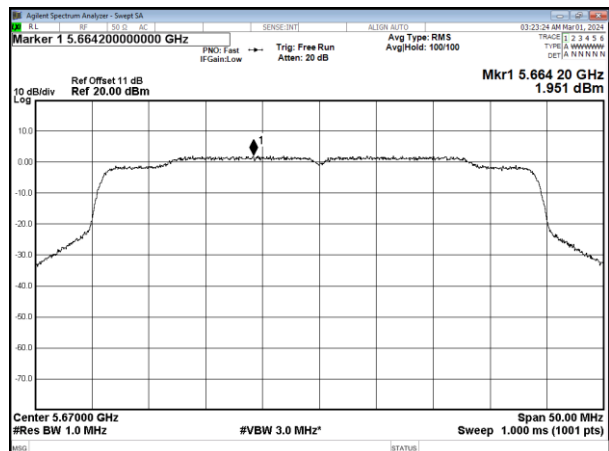
CH110



CH140



CH134

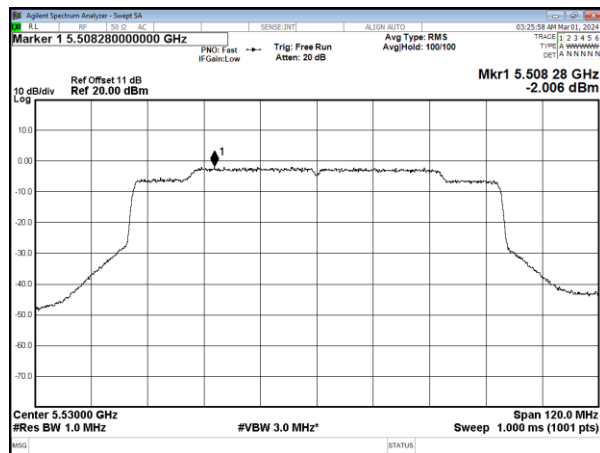


UNII-2C

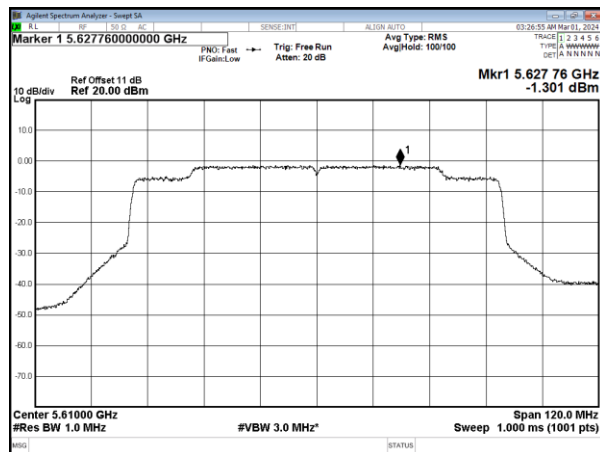


Modulation Standard: 802.11 ax HE80 (30.6Mbps)

CH106



CH122

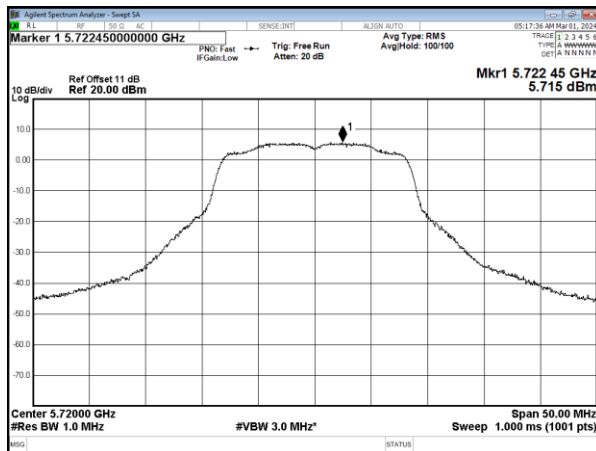




Band: Straddle Channel

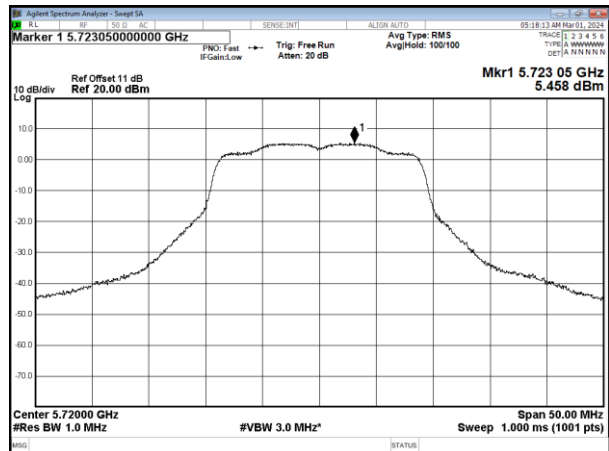
Modulation Standard: 802.11a (6.5Mbps)

CH144



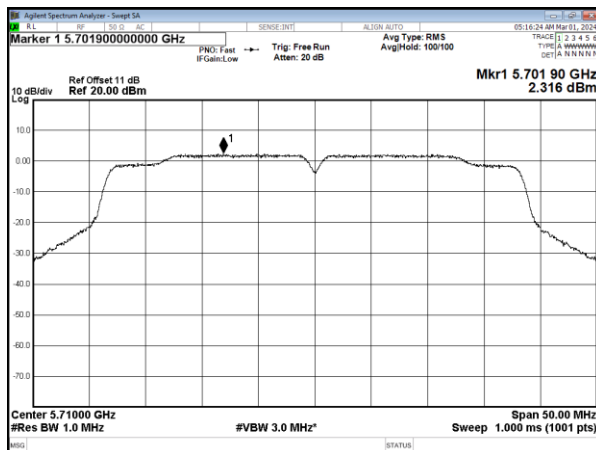
Modulation Standard: 802.11ac VHT20 (6.5Mbps)

CH144



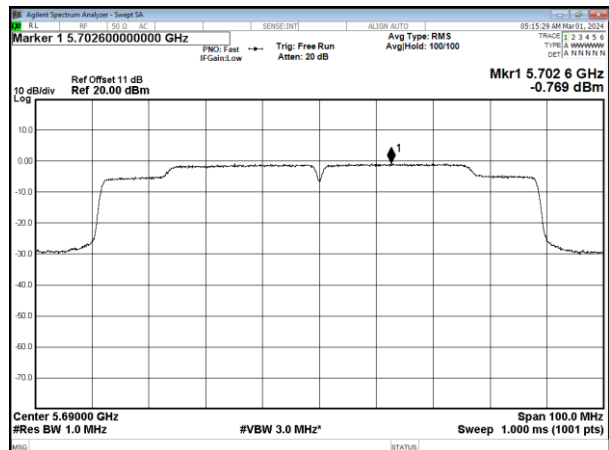
Modulation Standard: 802.11ac VHT40 (13.5Mbps)

CH142



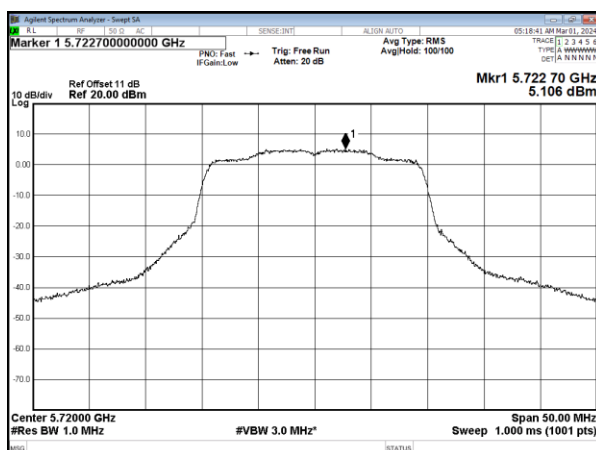
Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH138



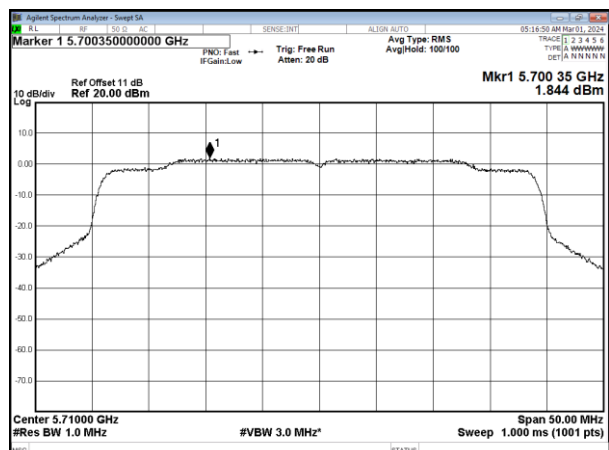
Modulation Standard: 802.11 ax HE20 (7.3Mbps)

CH144



Modulation Standard: 802.11 ax HE40 (14.6Mbps)

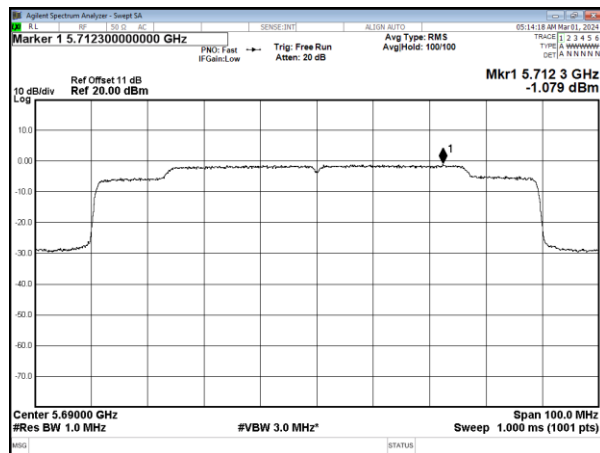
CH142





Modulation Standard: 802.11 ax HE80 (30.6Mbps)

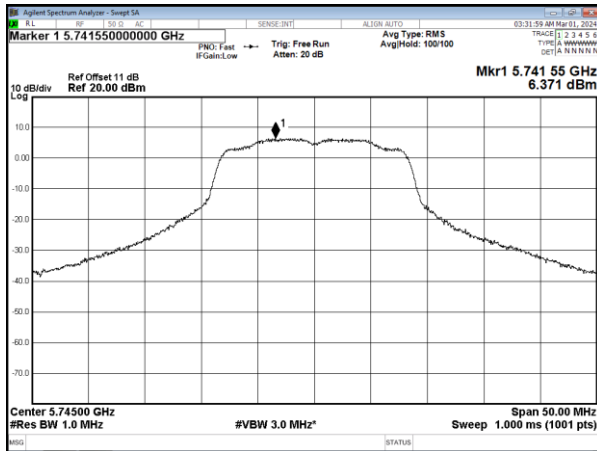
CH138



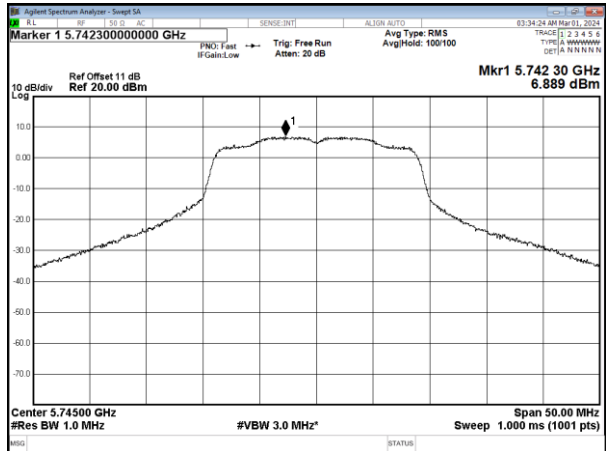


UNII-3

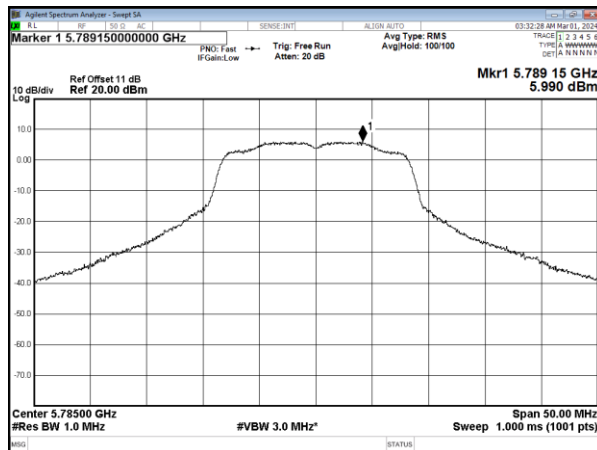
Modulation Type: 802.11a (6Mbps)
CH149



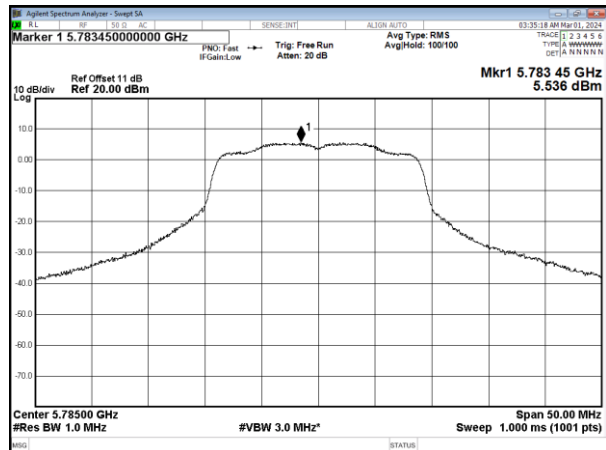
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



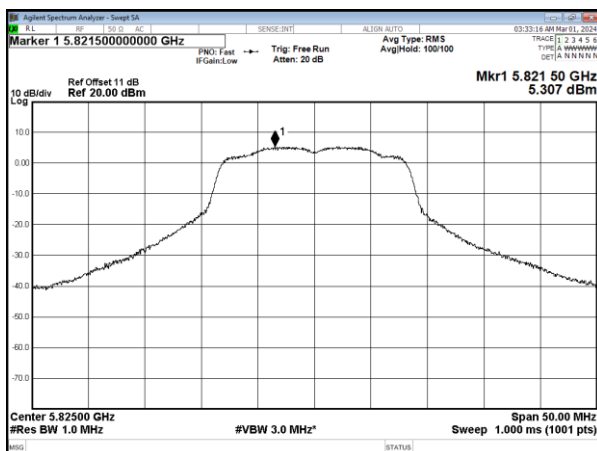
CH157



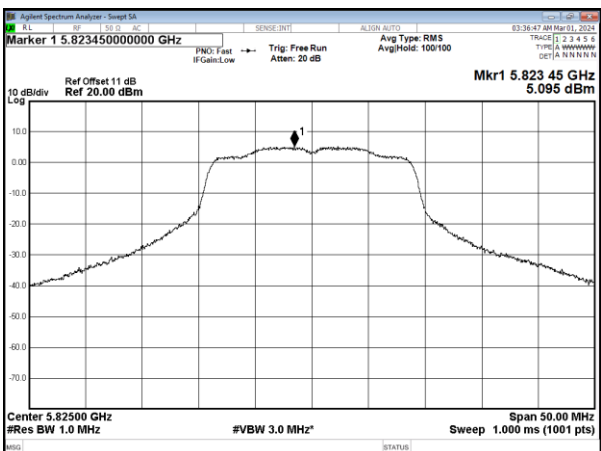
CH157



CH165



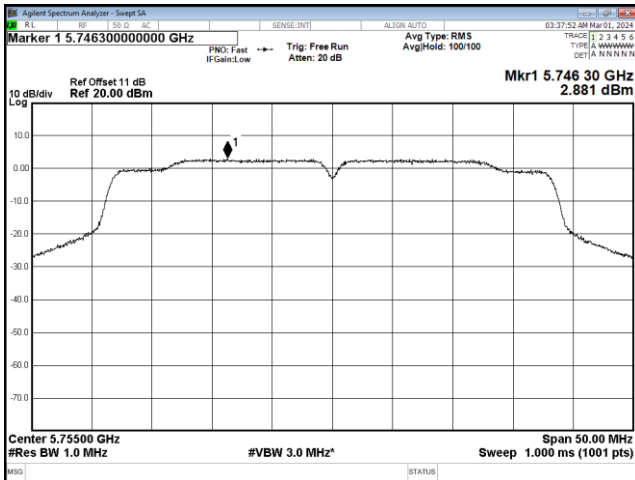
CH165



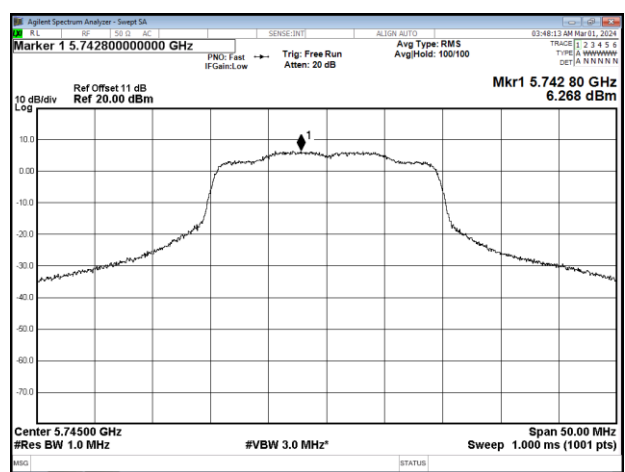


UNII-3

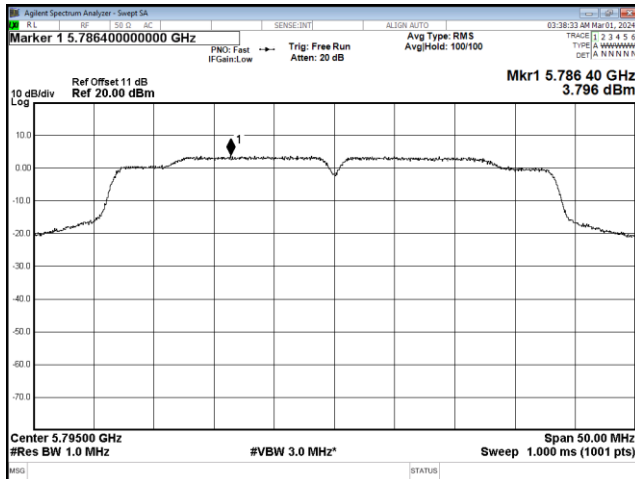
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



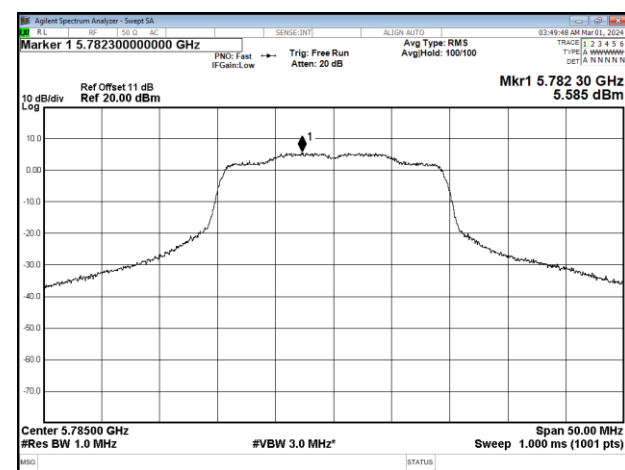
Modulation Type: 802.11nax HE20 (7.3Mbps)
CH149



CH159

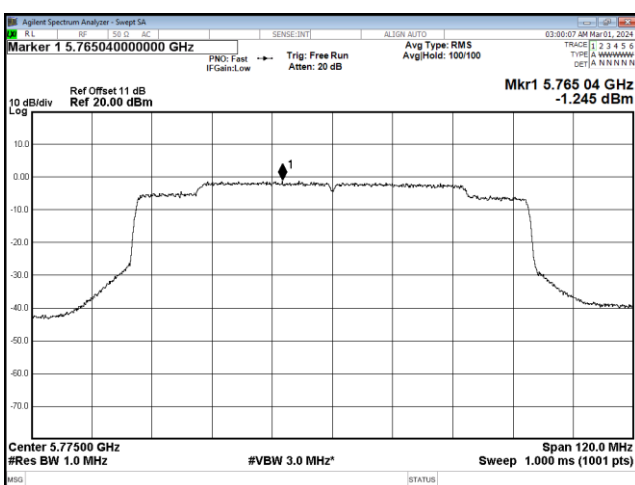


CH157

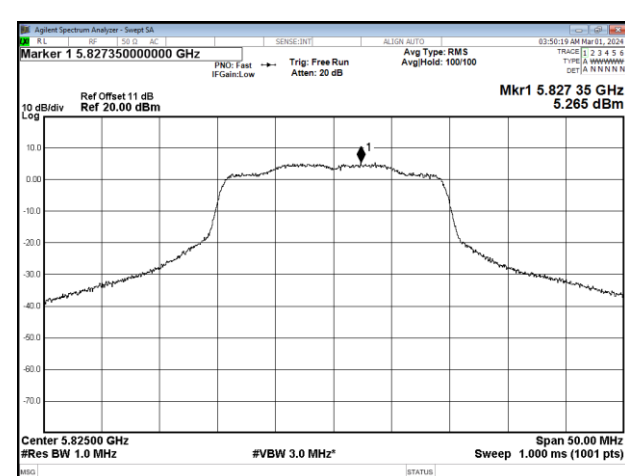


Modulation Type: 802.11ac, VHT80 (29.3Mbps)

CH155

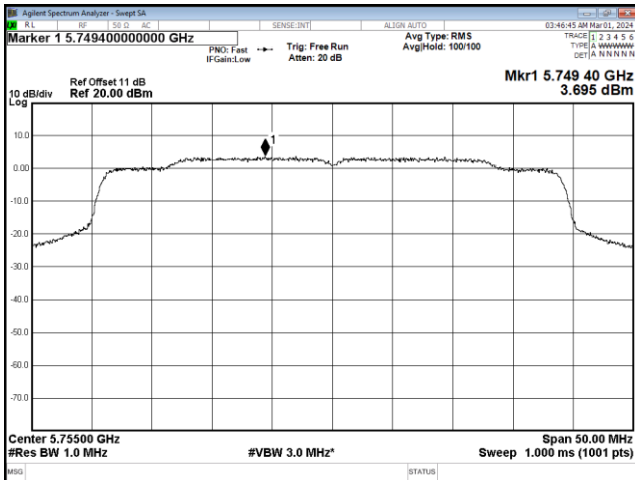


CH165

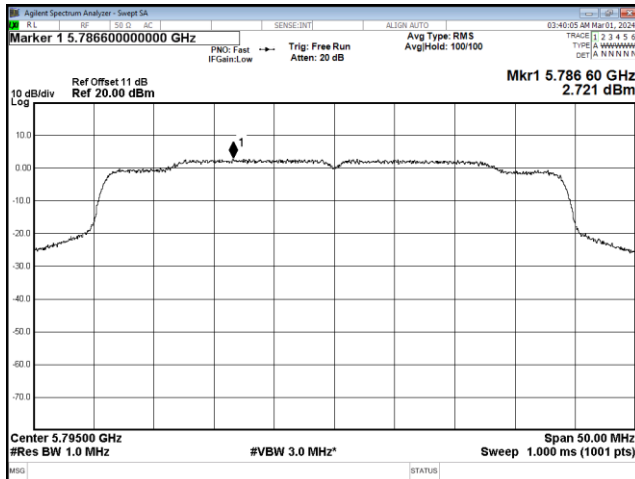




UNII-3

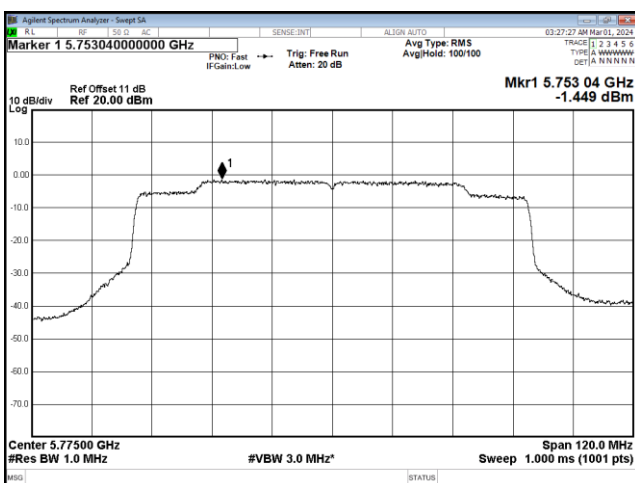
Modulation Type: 802.11 ax HE40 (14.6Mbps)
CH151

CH159



Modulation Type: 802.11ax HE80 (30.6Mbps)

CH155



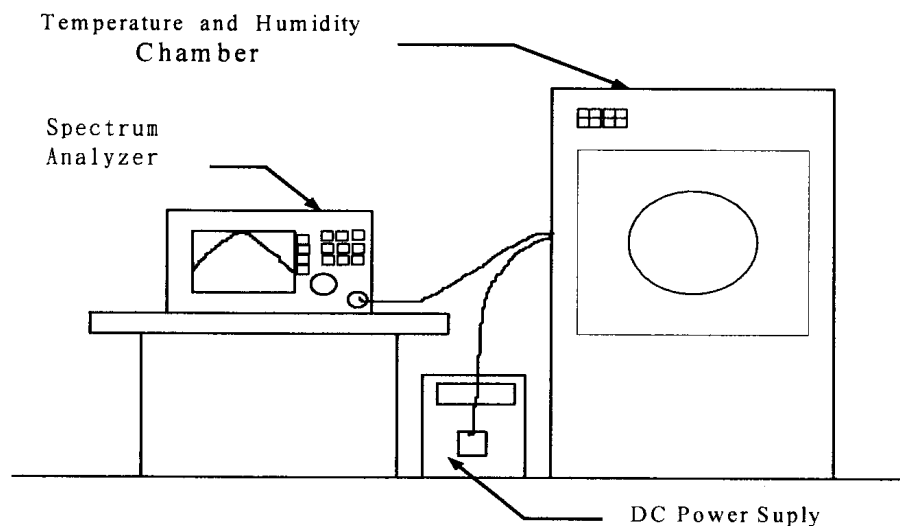


12. Frequency Stability

12.1. Test Procedure

1. The EUT was placed inside the Temperature and Humidity chamber.
2. The transmitter output was connected to spectrum analyzer.
3. Turn the EUT on and couple its output to a spectrum analyzer.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
6. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
7. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

12.2. Test Setup Layout



**12.3. Test Result and Data**

Operating frequency: 5180 MHz							
Temp	Power supply	2 minute		5 minute		10 minute	
(°C)	(V)	(MHz)	(%)	(MHz)	(%)	(MHz)	(%)
35	132	5179.9962	-0.000073	5179.9953	-0.000091	5179.9988	-0.000023
	120	5179.9975	-0.000048	5179.9971	-0.000056	5179.9991	-0.000017
	108	5179.9937	-0.000122	5179.9966	-0.000066	5179.9971	-0.000056
20	132	5179.9958	-0.000081	5179.9949	-0.000098	5179.9982	-0.000035
	120	5179.9973	-0.000052	5179.9973	-0.000052	5179.997	-0.000058
	108	5179.9981	-0.000037	5179.9958	-0.000081	5179.9975	-0.000048
10	132	5179.9969	-0.000060	5179.9981	-0.000037	5179.9949	-0.000098
	120	5179.9948	-0.000100	5179.9974	-0.000050	5179.9944	-0.000108
	108	5179.9932	-0.000131	5179.9928	-0.000139	5179.9939	-0.000118
0	132	5179.9979	-0.000041	5179.9955	-0.000087	5179.9918	-0.000158
	120	5179.997	-0.000058	5179.9963	-0.000071	5179.9967	-0.000064
	108	5179.9983	-0.000033	5179.9971	-0.000056	5179.9955	-0.000087

Limit:

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

-----End of the report -----