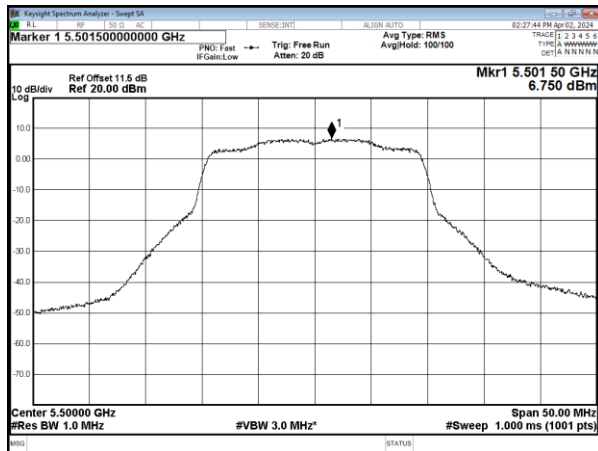


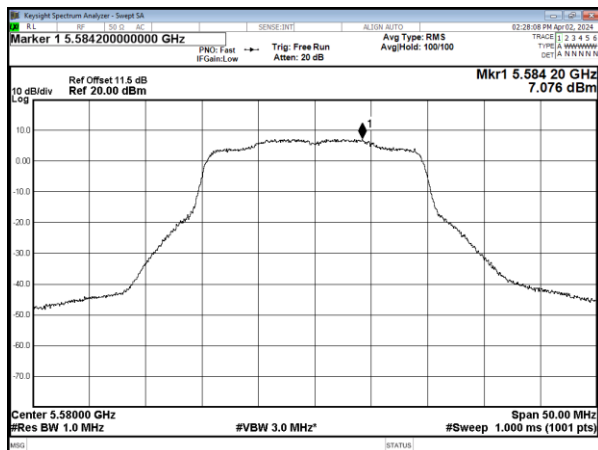
UNII-2C

Modulation Standard: 802.11 ax HE20

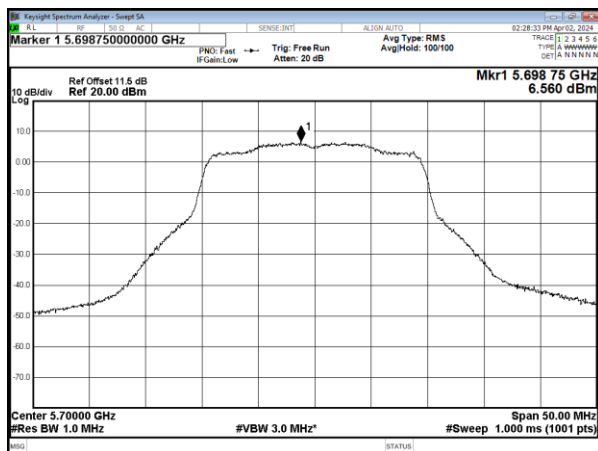
CH100



CH116

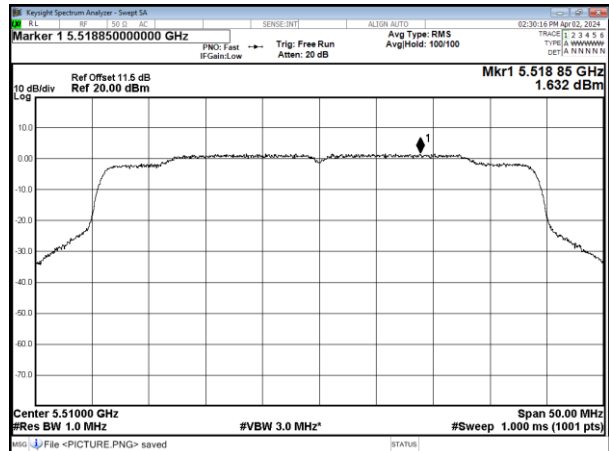


CH140

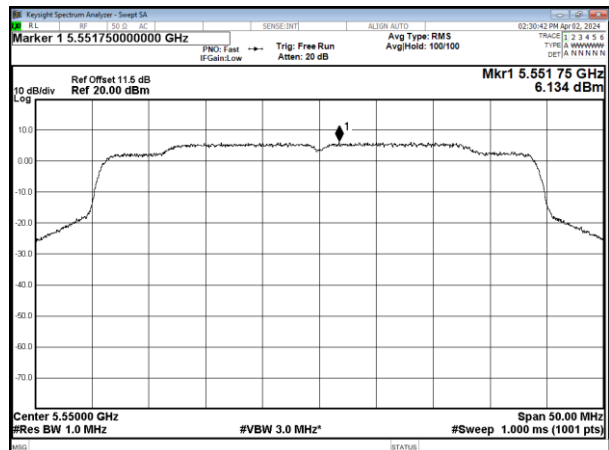


Modulation Standard: 802.11 ax HE40

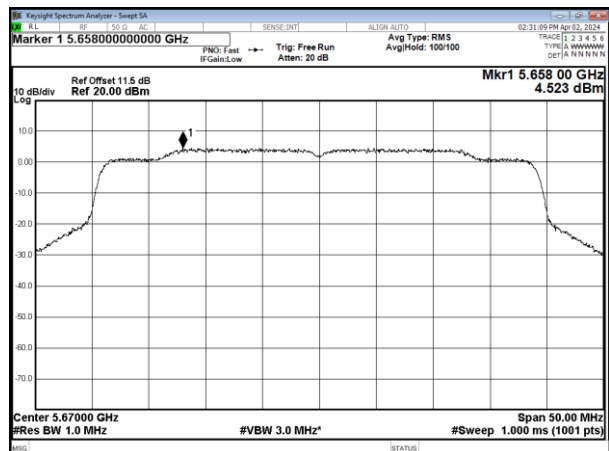
CH102



CH110



CH134

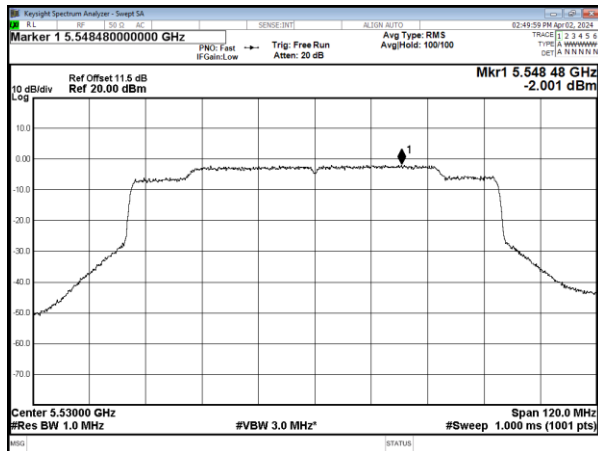




UNII-2C

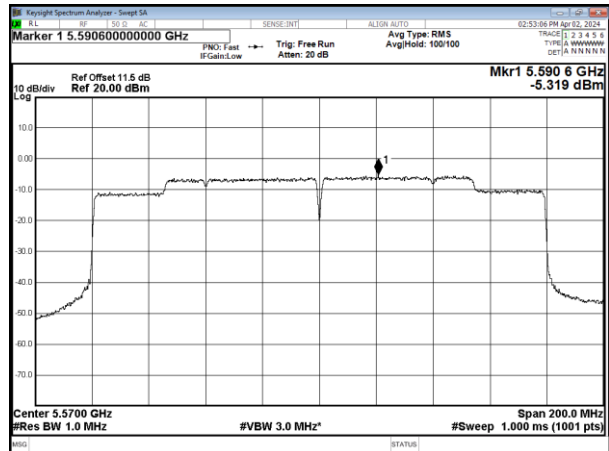
Modulation Standard: 802.11 ax HE80

CH106

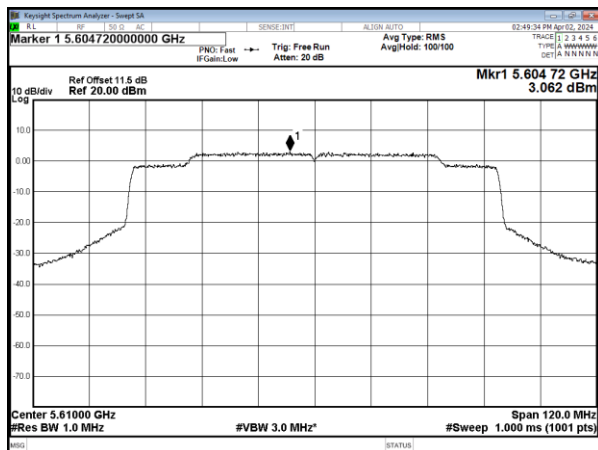


Modulation Standard: 802.11ax HE160

CH114



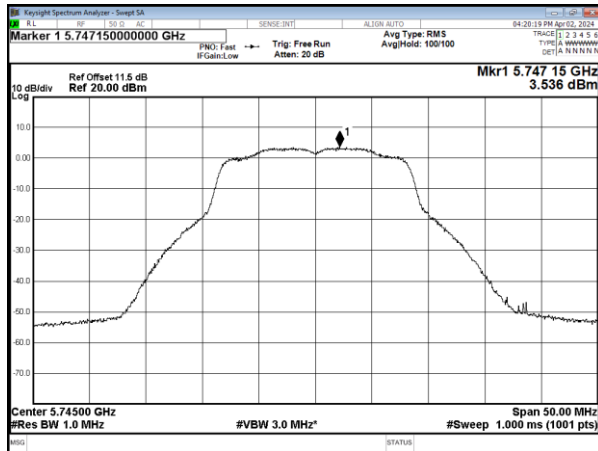
CH122



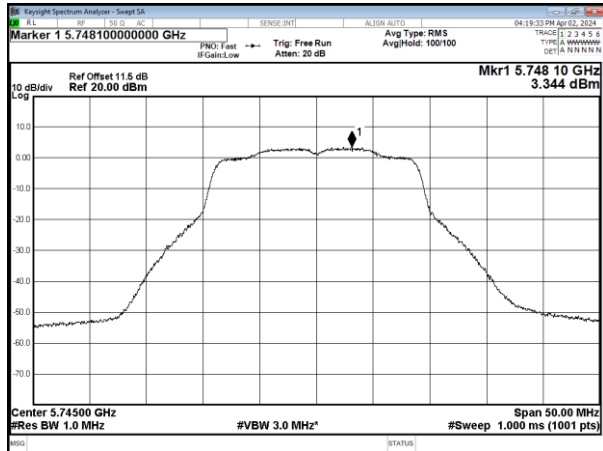


UNII-3

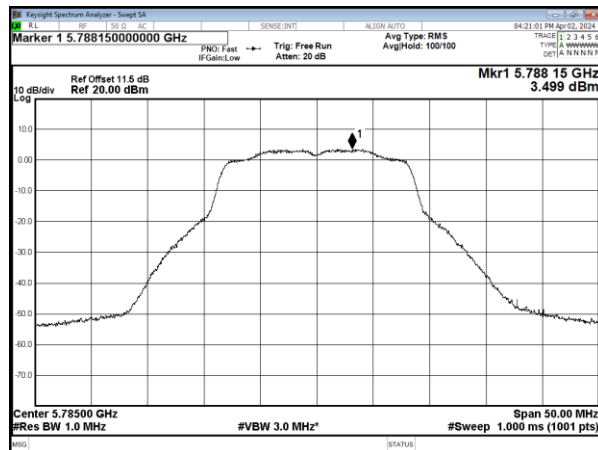
Modulation Type: 802.11a
CH149



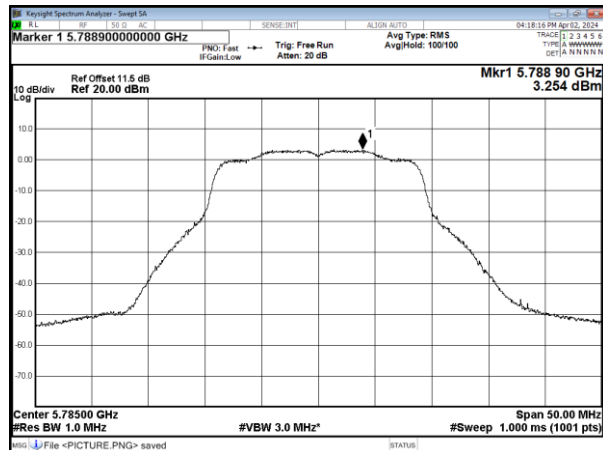
Modulation Type: 802.11ac, VHT20
CH149



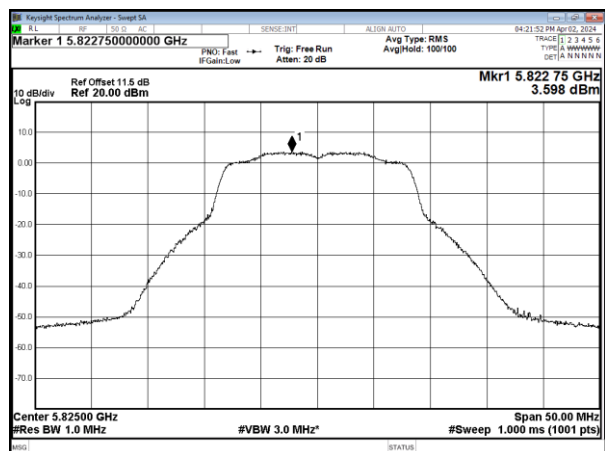
CH157



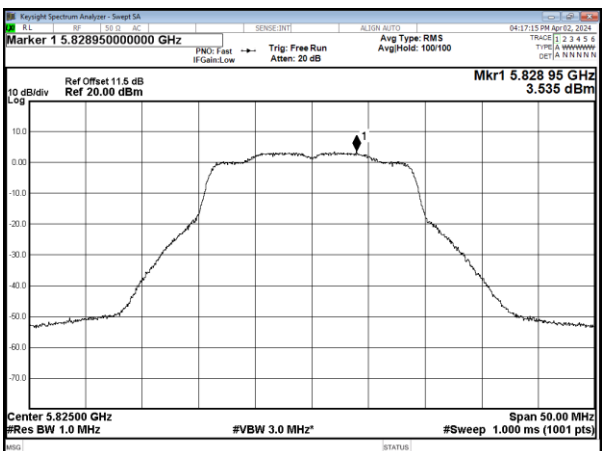
CH157



CH165

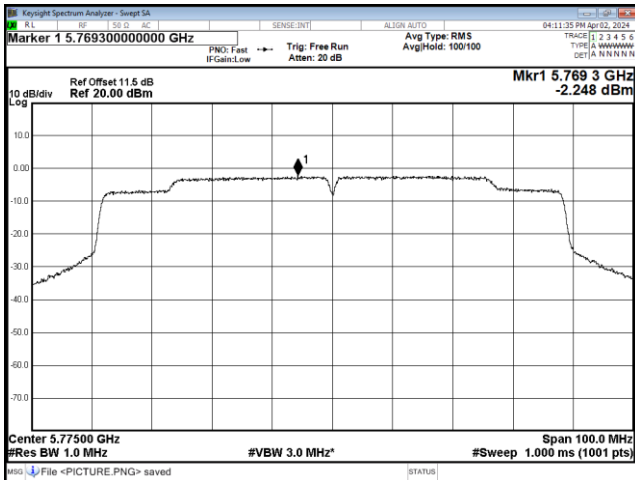
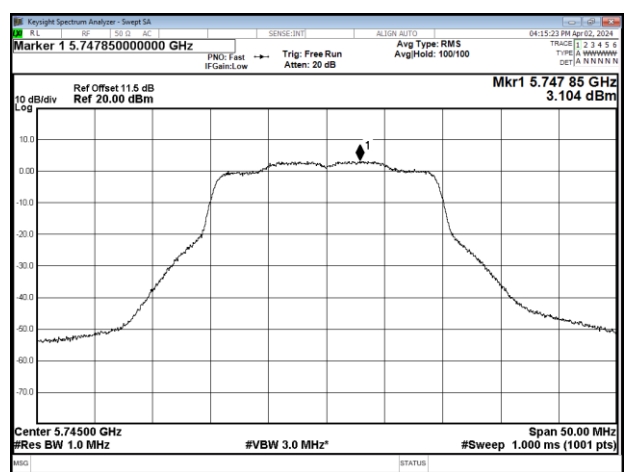


CH165

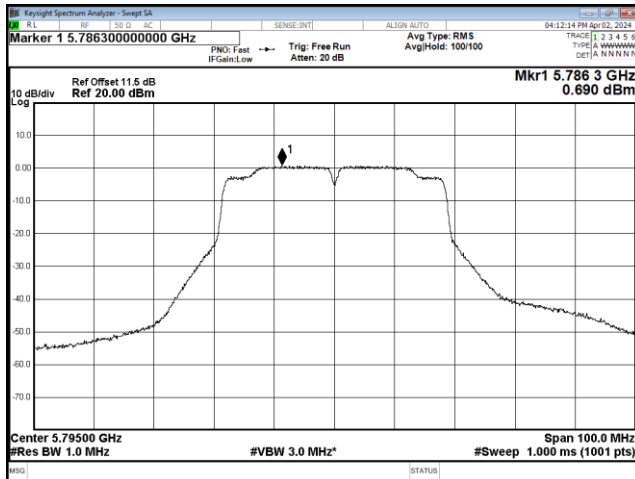




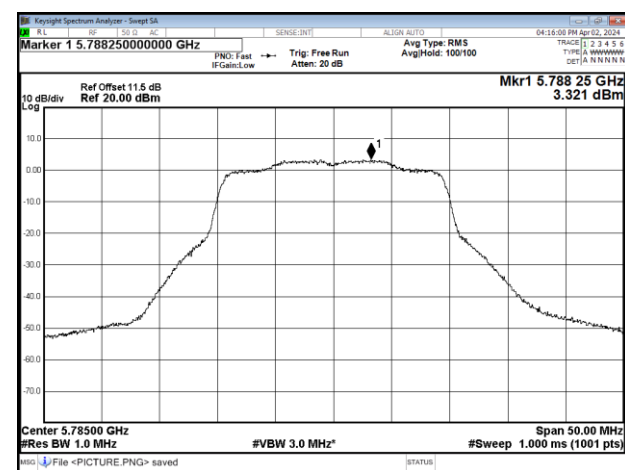
UNII-3

Modulation Type: 802.11ac, VHT40
CH151Modulation Type: 802.11ax HE20
CH149

CH159

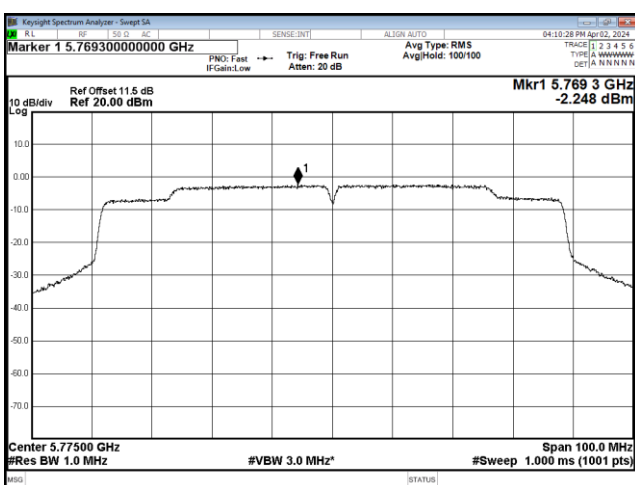


CH157

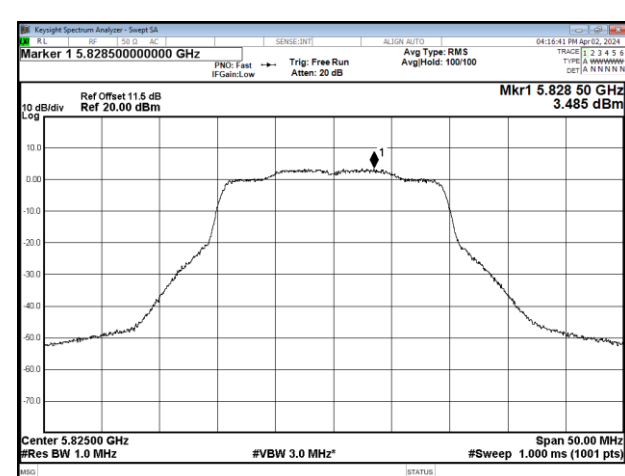


Modulation Type: 802.11ac, VHT80

CH155



CH165

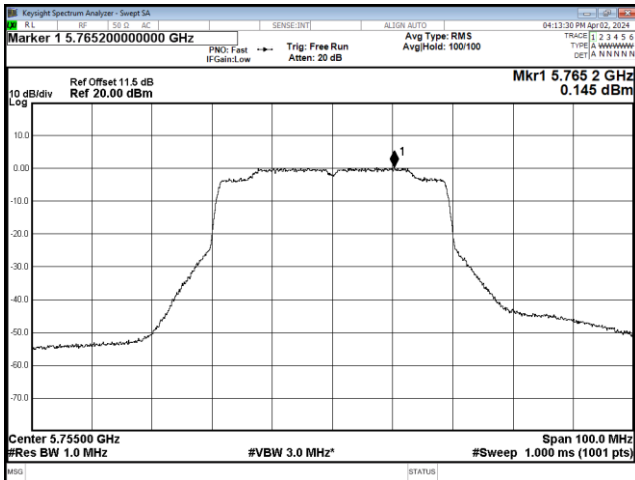




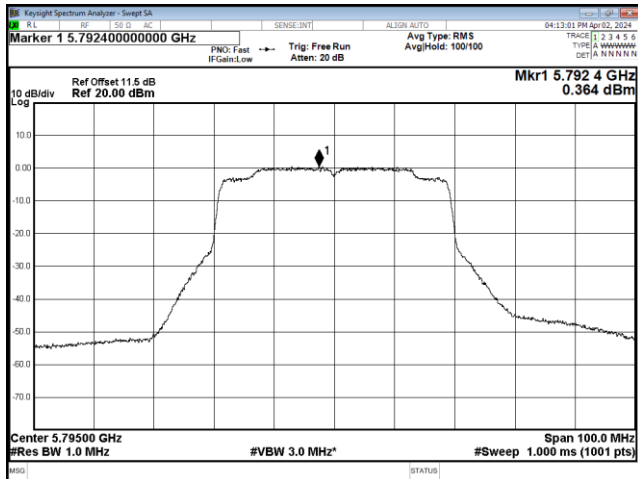
UNII-3

Modulation Type: 802.11 ax HE40

CH151

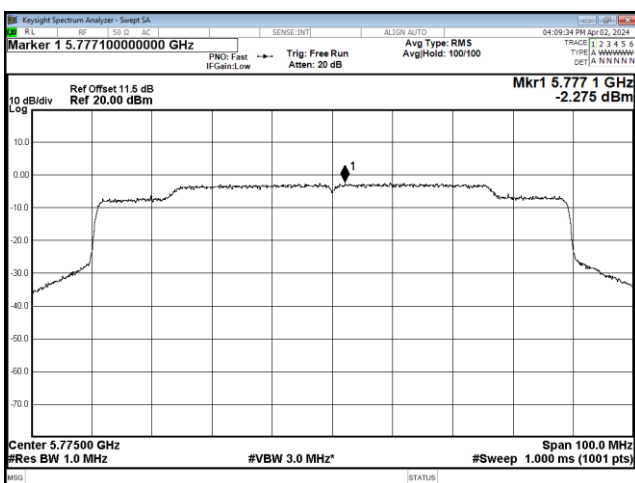


CH159



Modulation Type: 802.11ax HE80

CH155

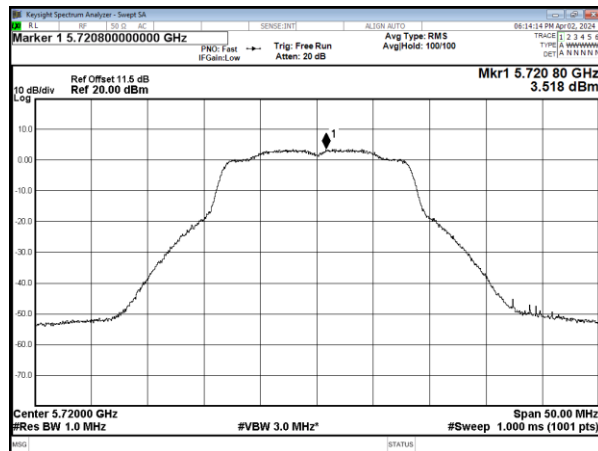




Band: Straddle Channel

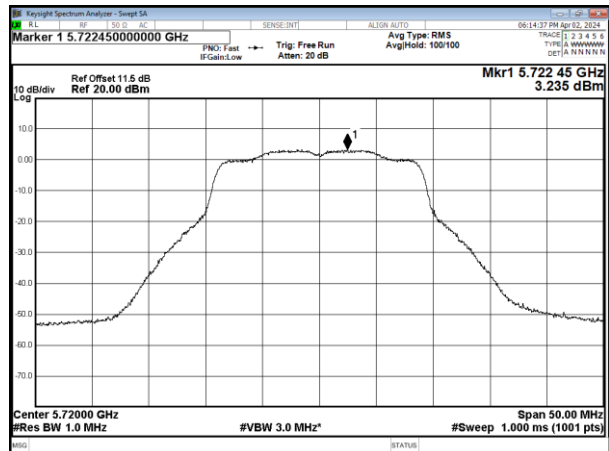
Modulation Standard: 802.11a

CH144



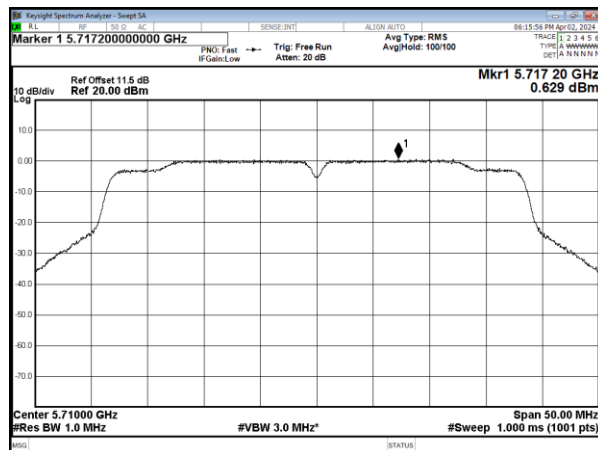
Modulation Standard: 802.11ac VHT20

CH144



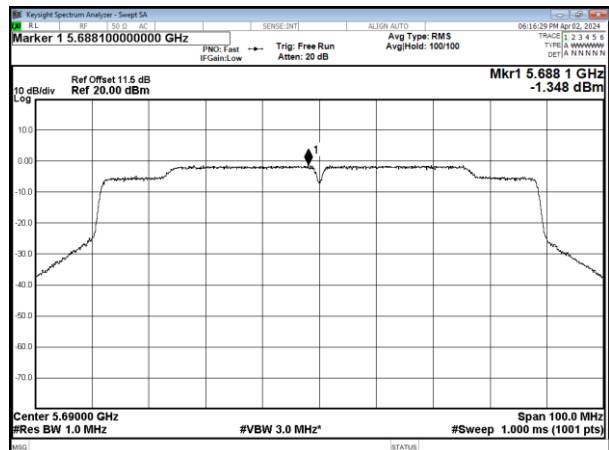
Modulation Standard: 802.11ac VHT40

CH142



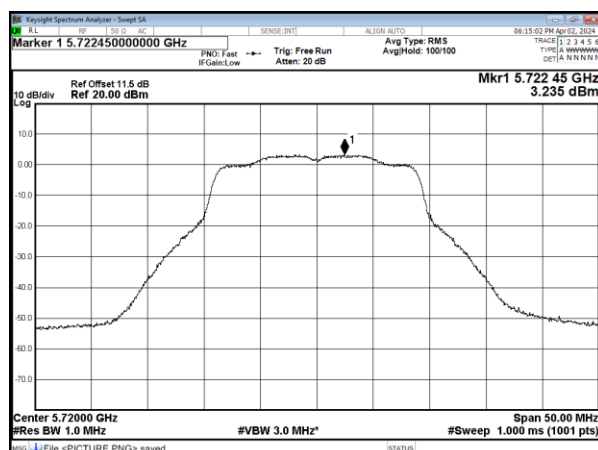
Modulation Standard: 802.11ac VHT80

CH138



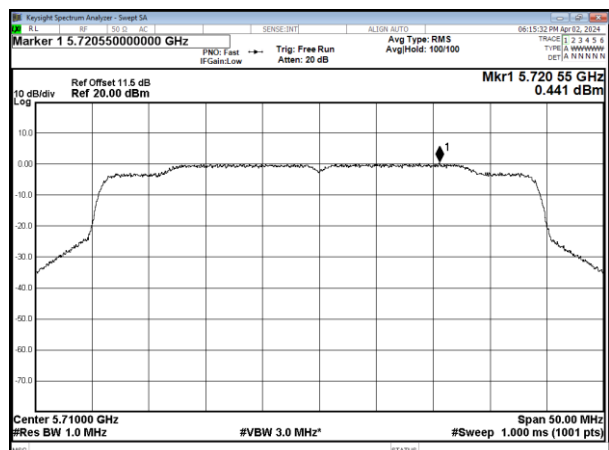
Modulation Standard: 802.11 ax HE20

CH144



Modulation Standard: 802.11 ax HE40

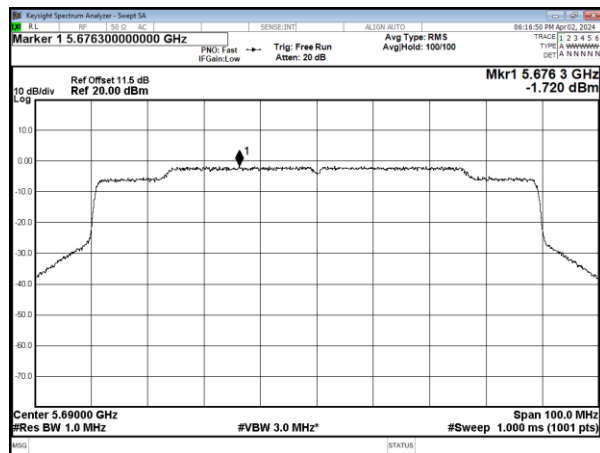
CH142





Modulation Standard: 802.11 ax HE80

CH138



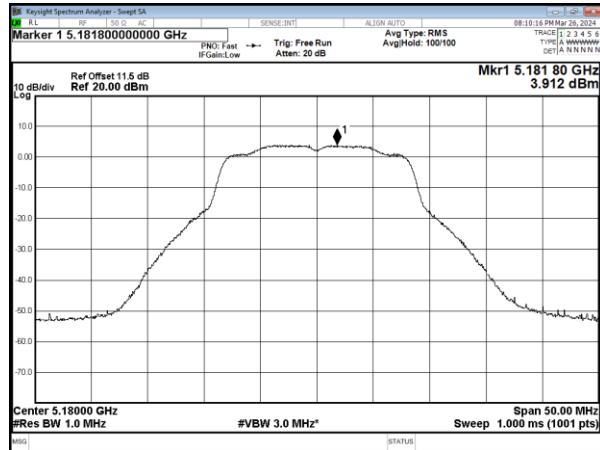


MIMO (ANT B)

UNII-1

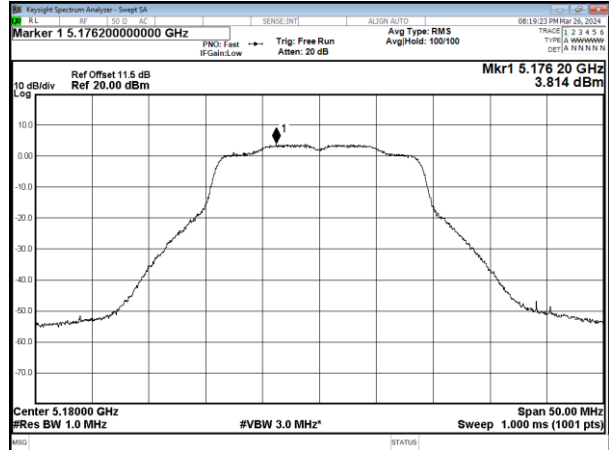
Modulation Standard: 802.11a

CH36

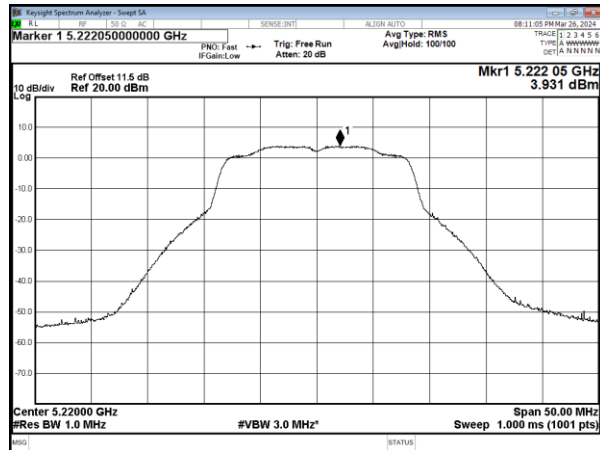


Modulation Standard: 802.11ac VHT20

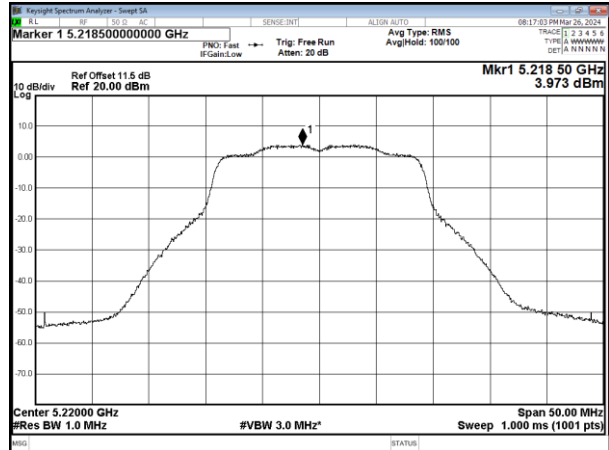
CH36



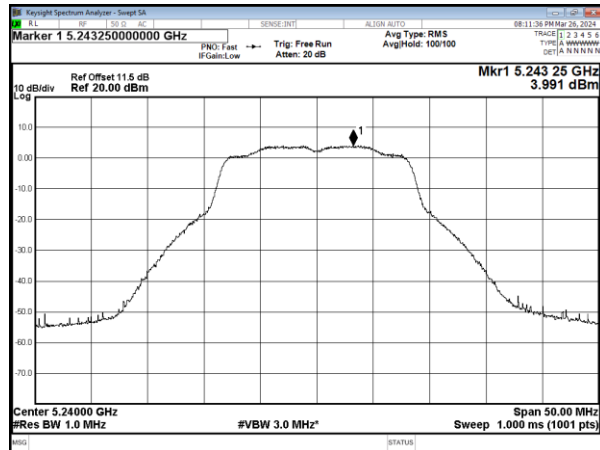
CH44



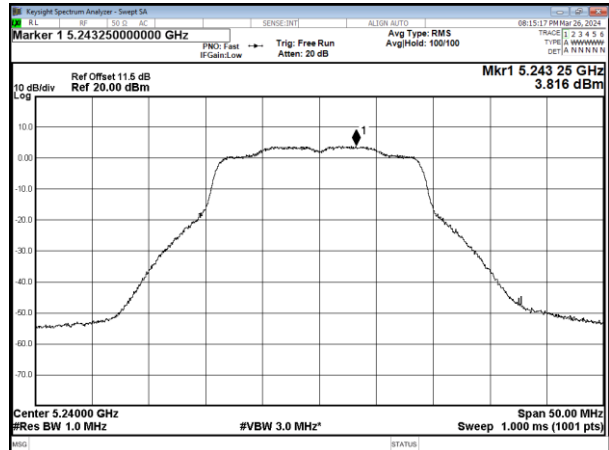
CH44



CH48



CH48

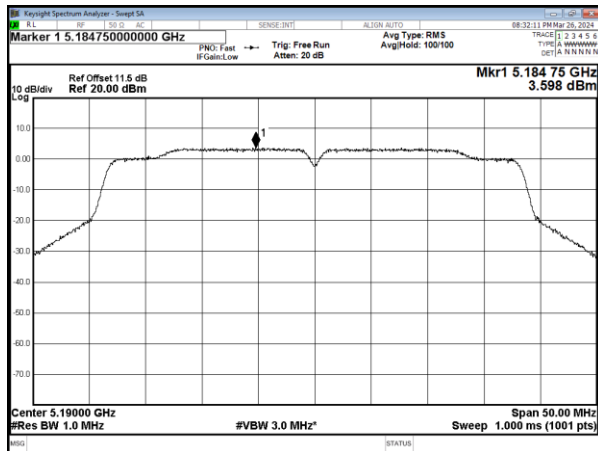




UNII-1

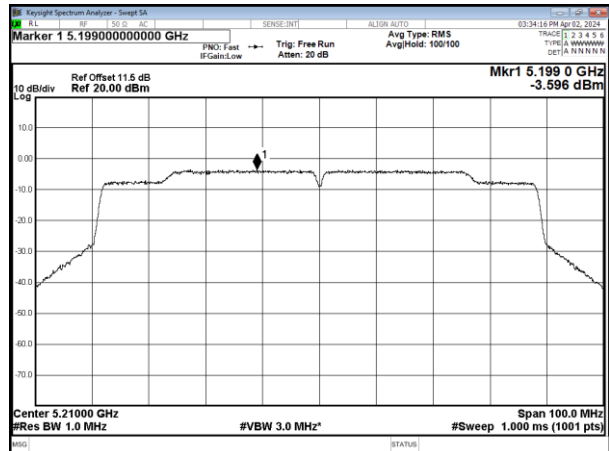
Modulation Standard: 802.11ac VHT40

CH38



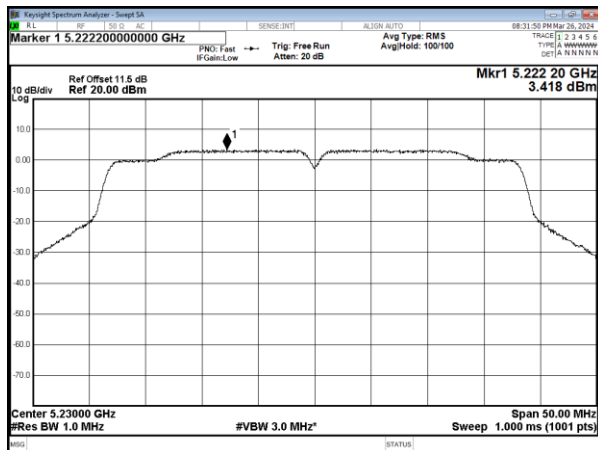
Modulation Standard: 802.11ac VHT80

CH42

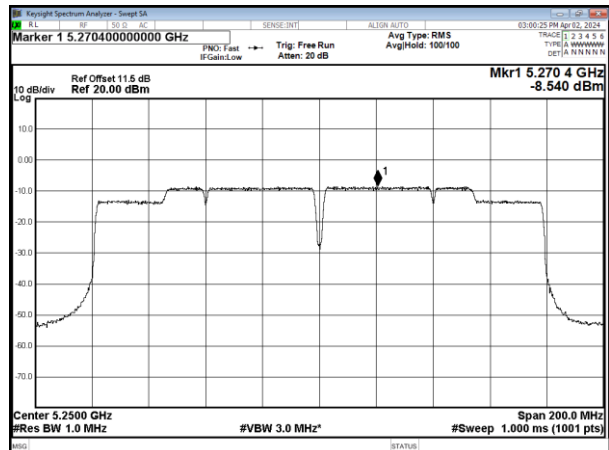


Modulation Standard: 802.11ac VHT160

CH46



CH50

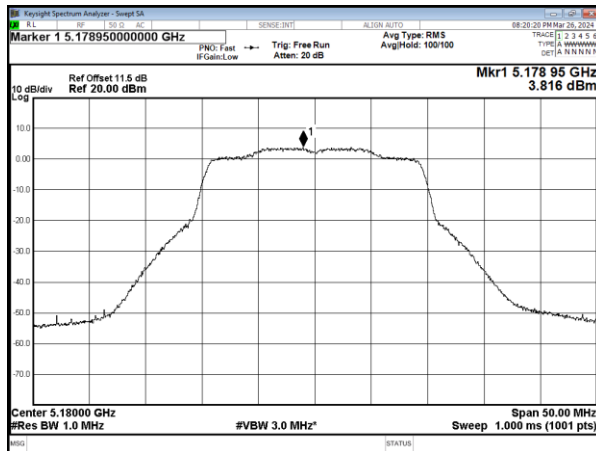




UNII-1

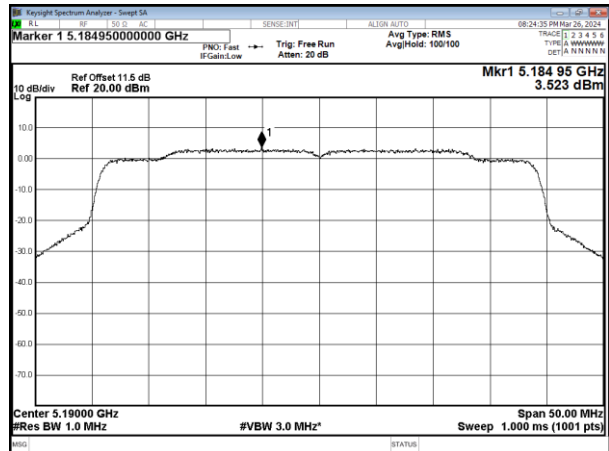
Modulation Standard: 802.11 ax HE20

CH36

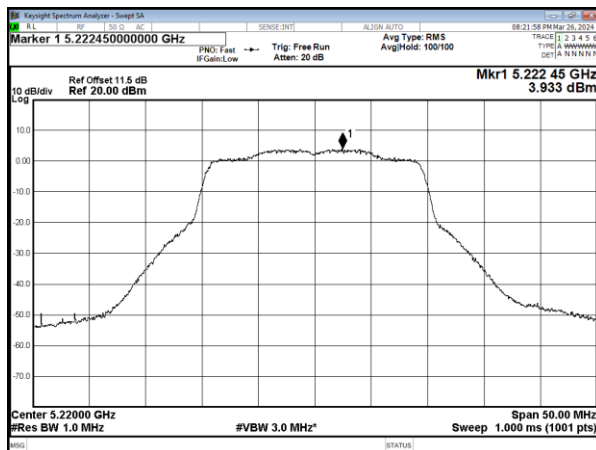


Modulation Standard: 802.11 ax HE40

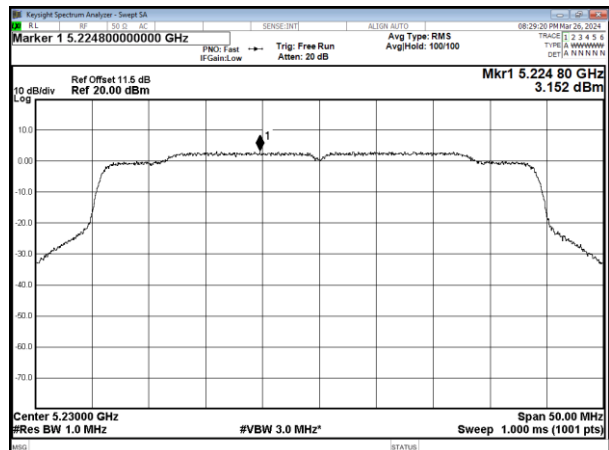
CH38



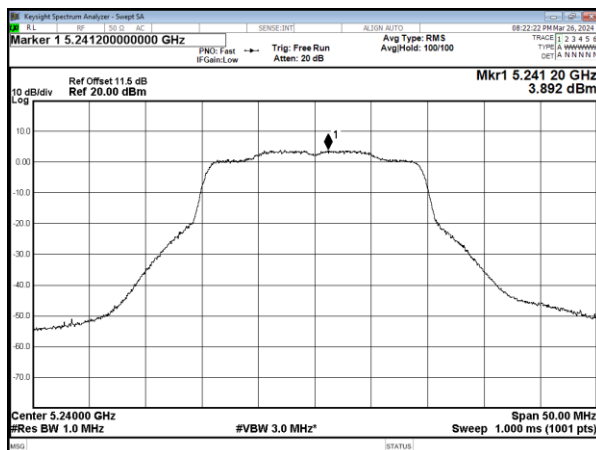
CH44



CH46

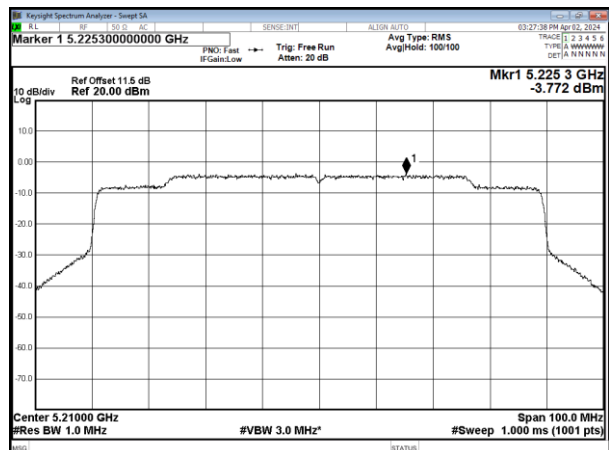


CH48



Modulation Standard: 802.11 ax HE80

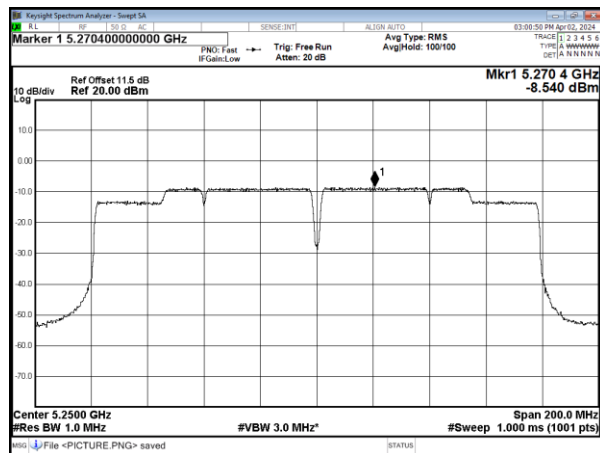
CH42





Modulation Standard: 802.11 ax HE160

CH50

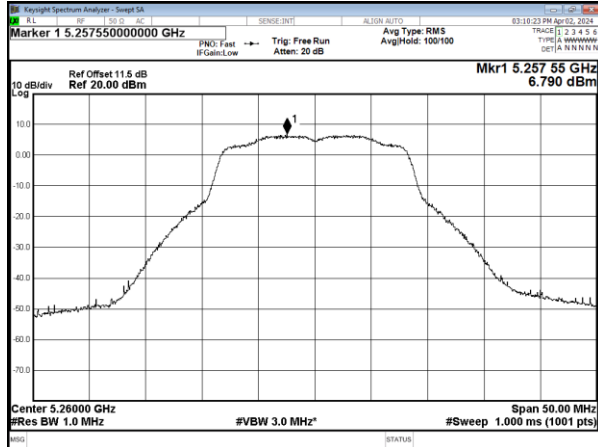




UNII-2A

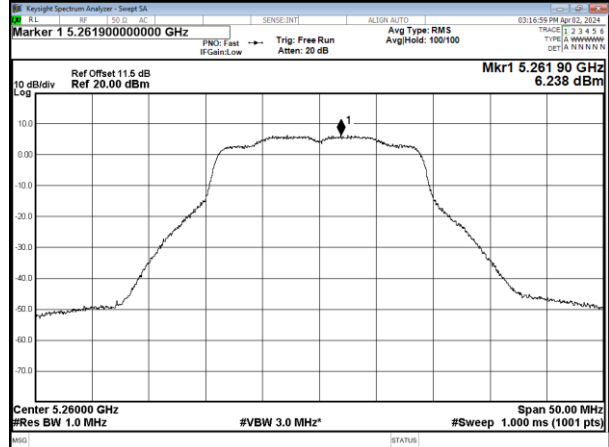
Modulation Standard: 802.11a

CH52

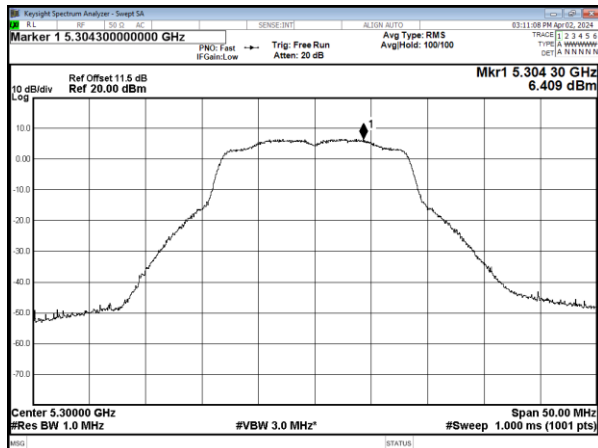


Modulation Standard: 802.11ac VHT20

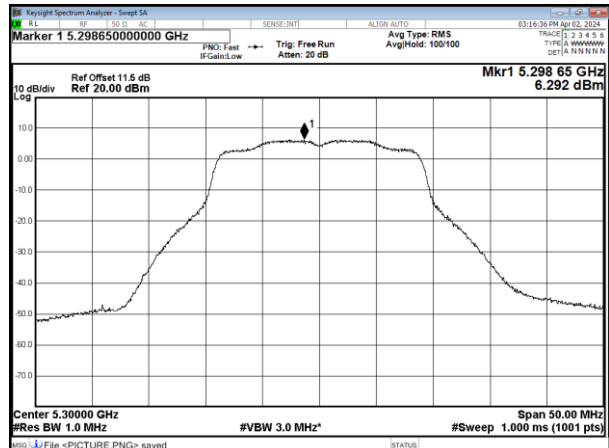
CH52



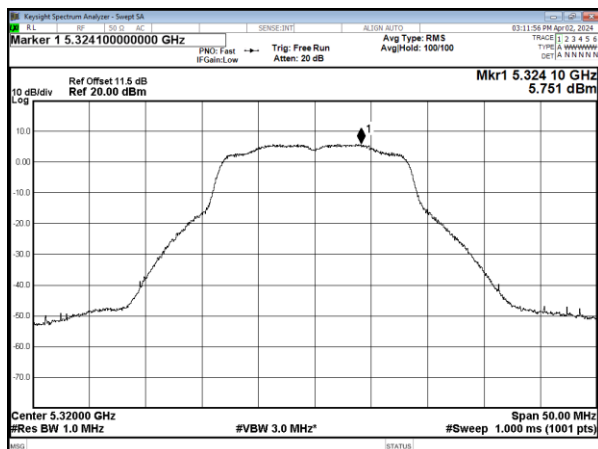
CH60



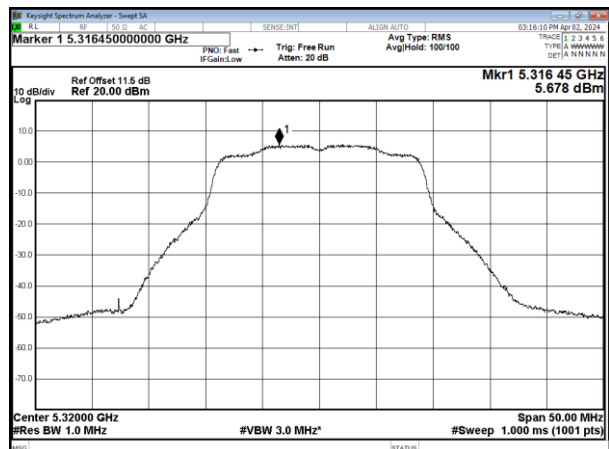
CH60



CH64



CH64

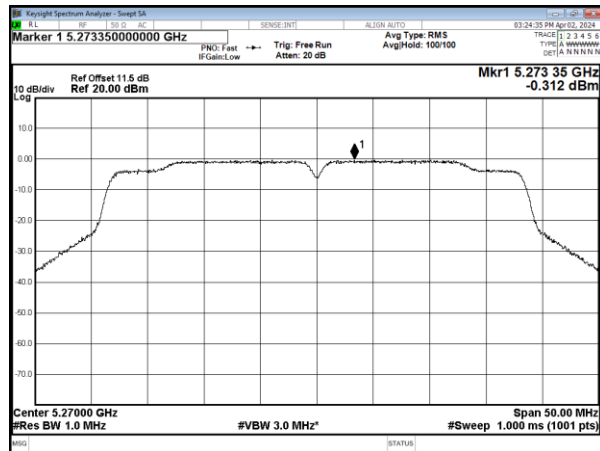




UNII-2A

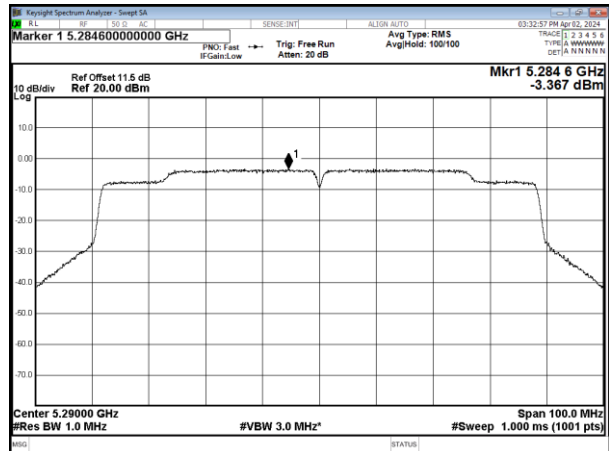
Modulation Standard: 802.11ac VHT40

CH54

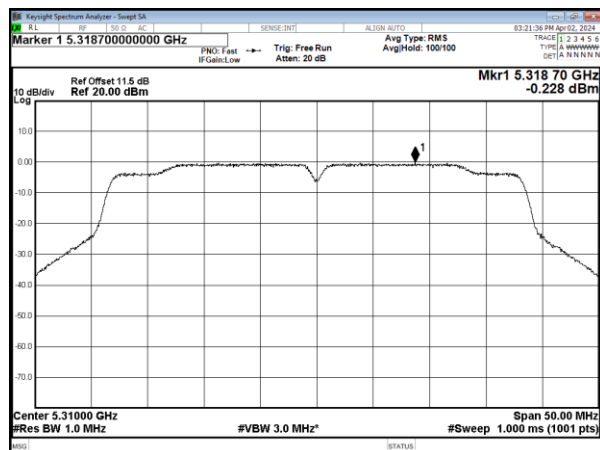


Modulation Standard: 802.11ac VHT80

CH58



CH62

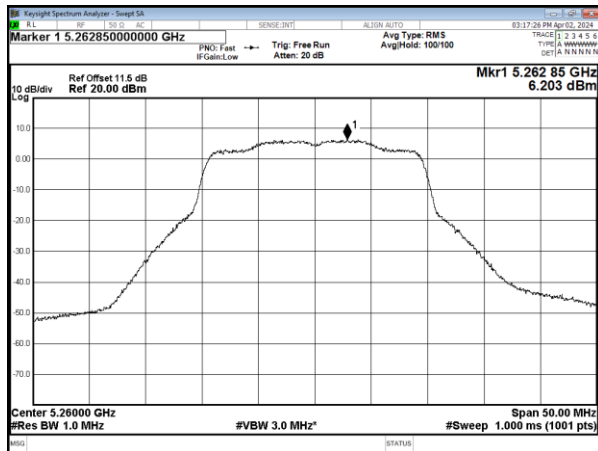




UNII-2A

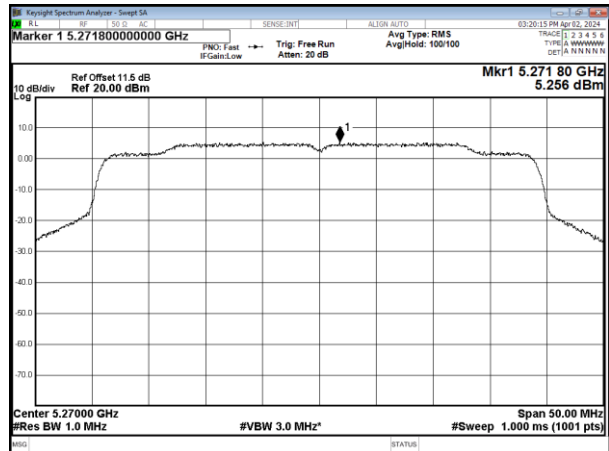
Modulation Standard: 802.11 ax HE20

CH52

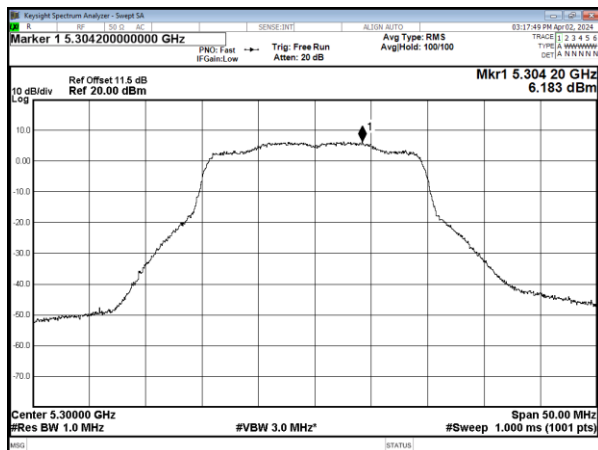


Modulation Standard: 802.11 ax HE40

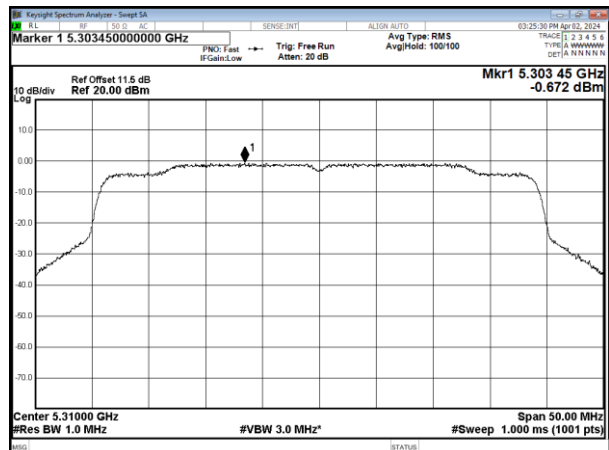
CH54



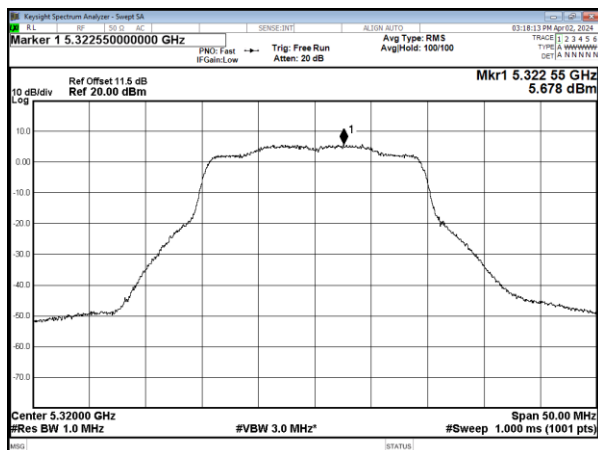
CH60



CH62

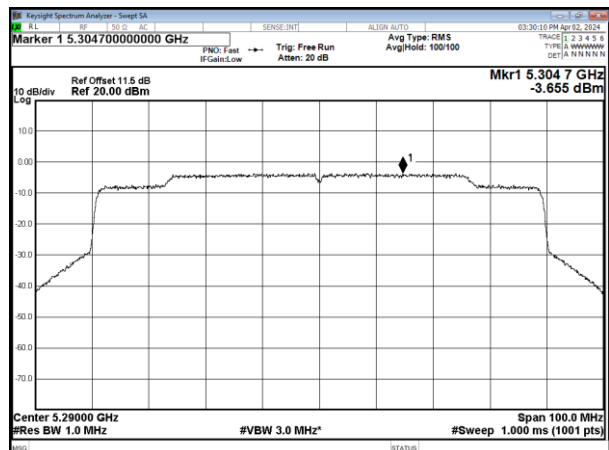


CH64



Modulation Standard: 802.11 ax HE80

CH58

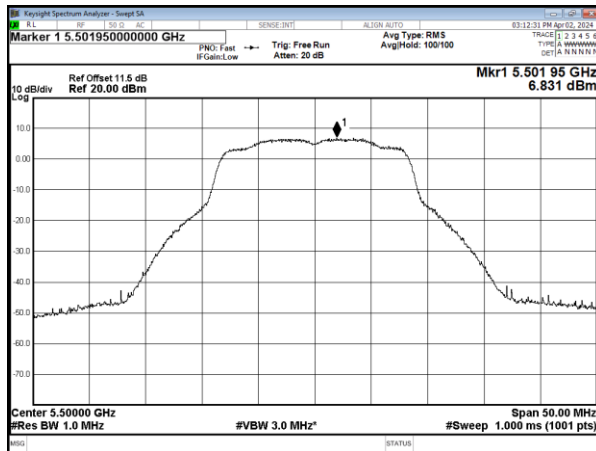




UNII-2C

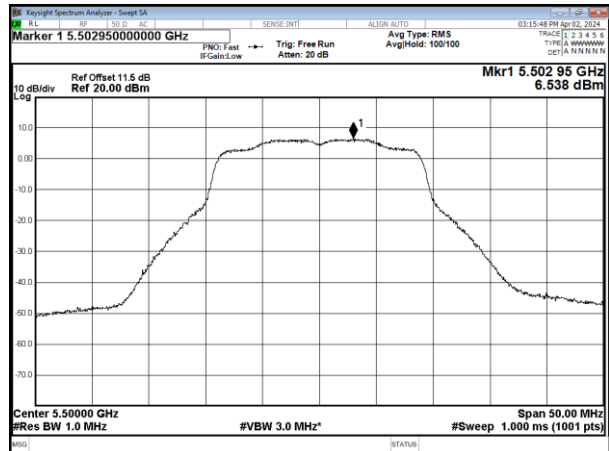
Modulation Standard: 802.11a

CH100

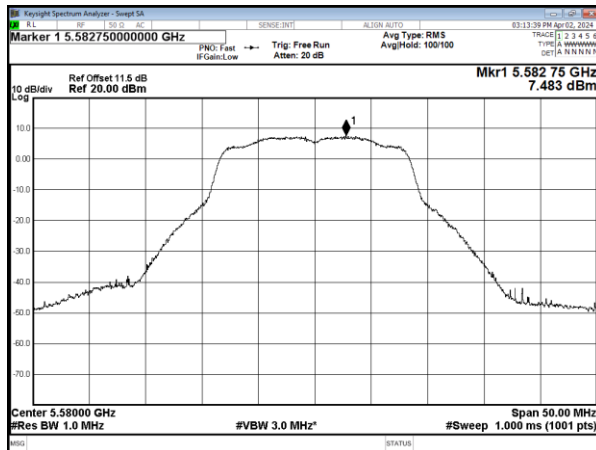


Modulation Standard: 802.11ac VHT20

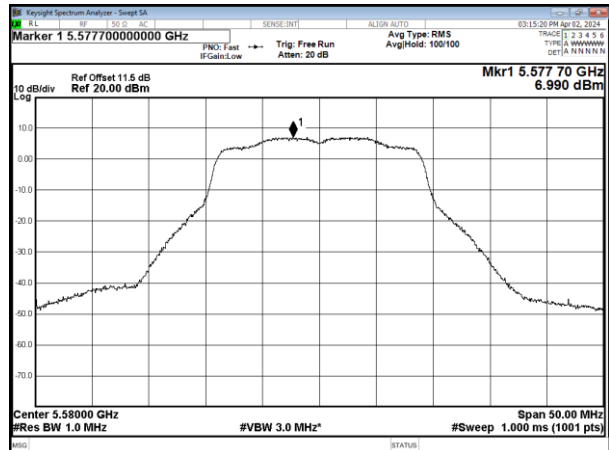
CH100



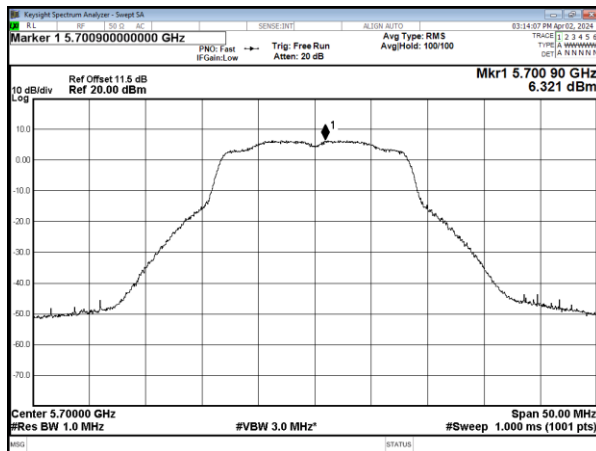
CH116



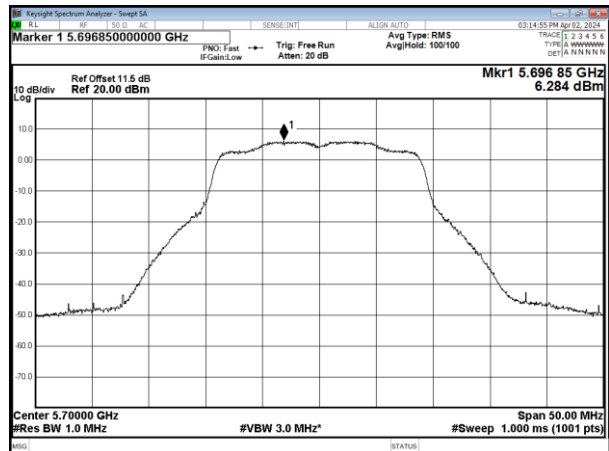
CH116



CH140



CH140

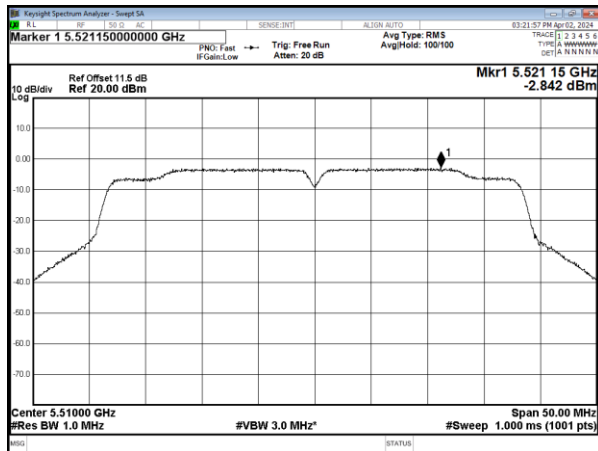




UNII-2C

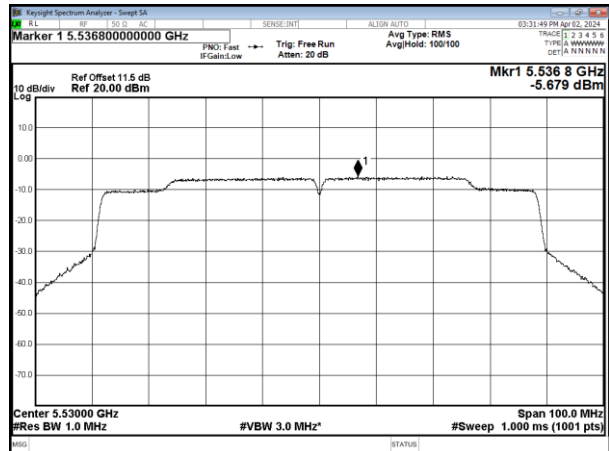
Modulation Standard: 802.11ac VHT40

CH102

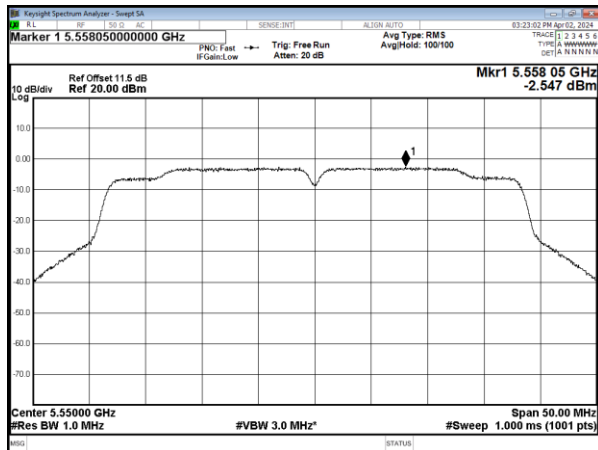


Modulation Standard: 802.11ac VHT80

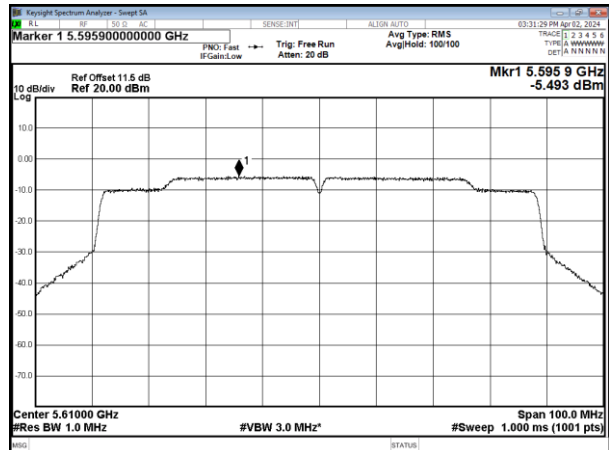
CH106



CH110

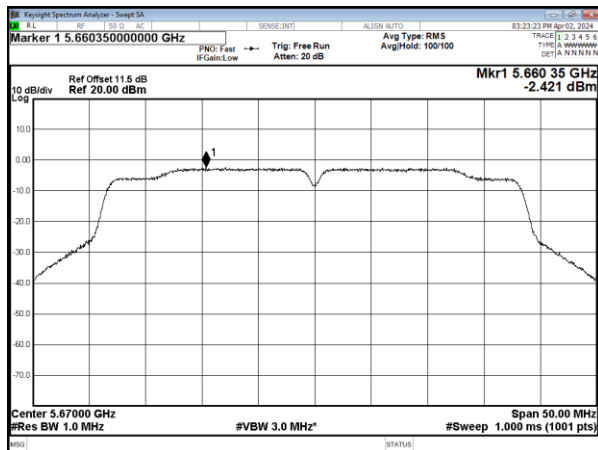


CH122

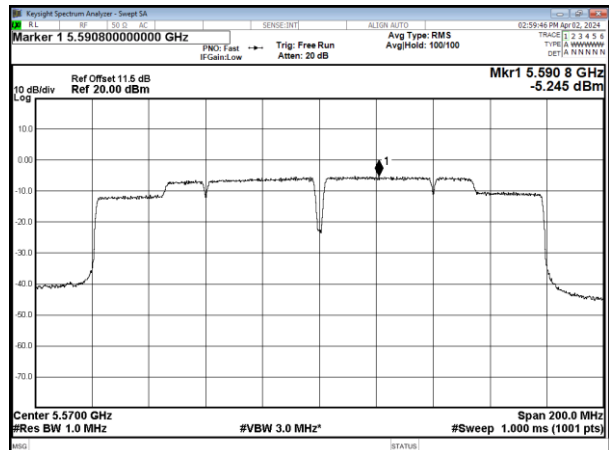


Modulation Standard: 802.11ac VHT160

CH134



CH114

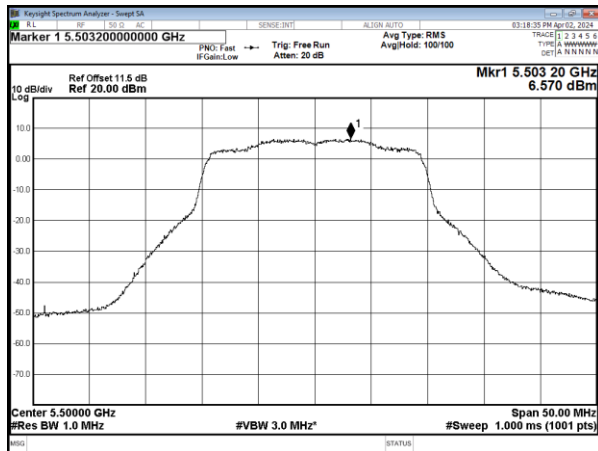




UNII-2C

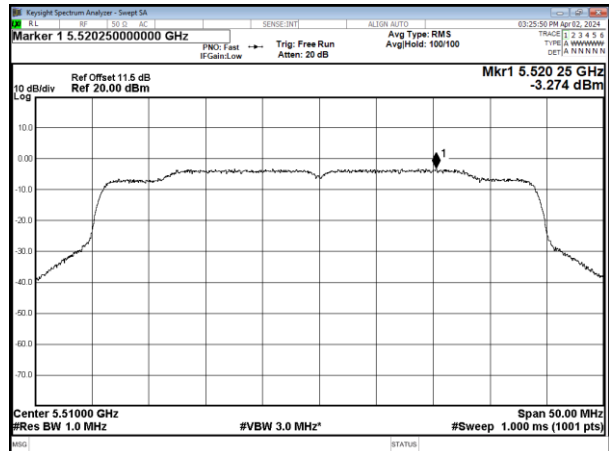
Modulation Standard: 802.11 ax HE20

CH100

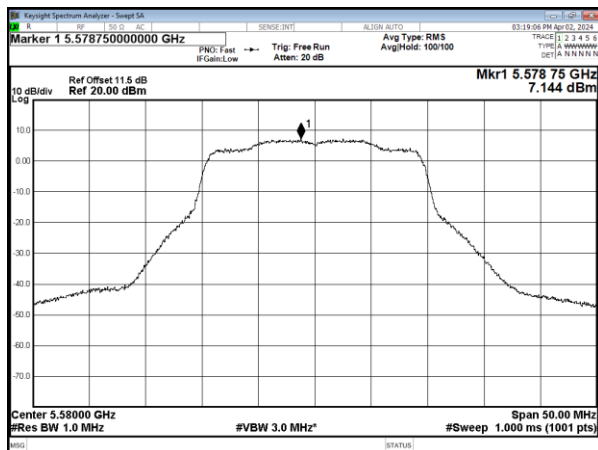


Modulation Standard: 802.11 ax HE40

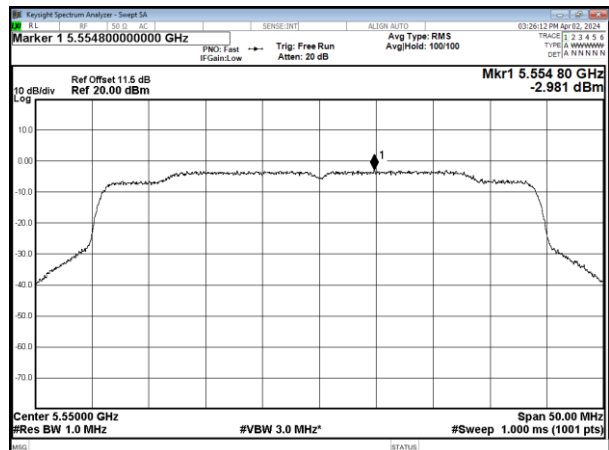
CH102



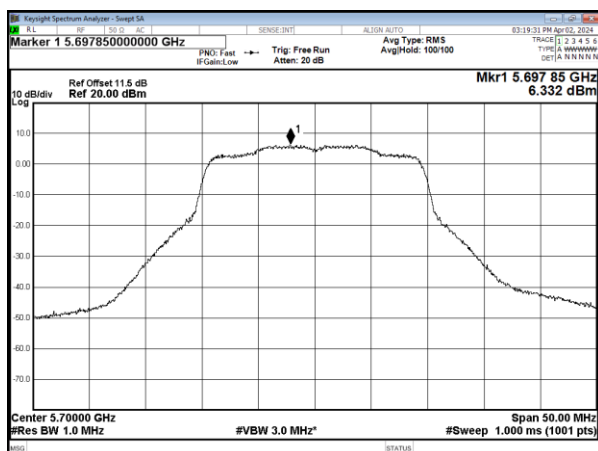
CH116



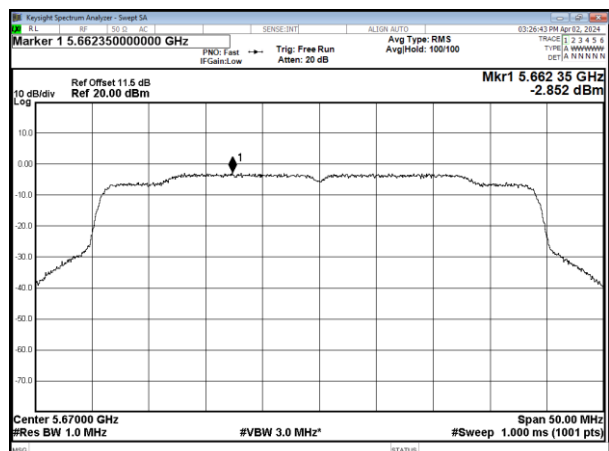
CH110



CH140



CH134

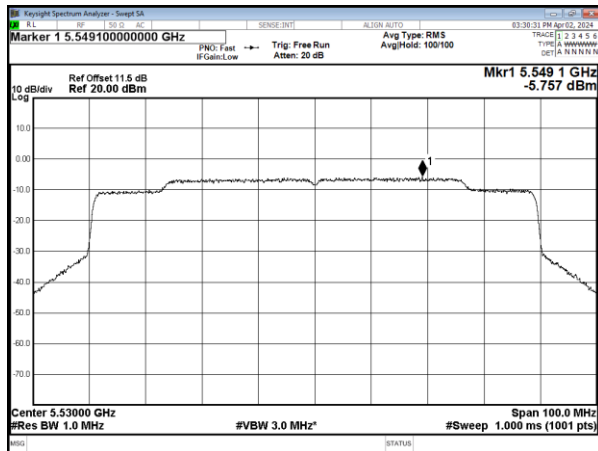




UNII-2C

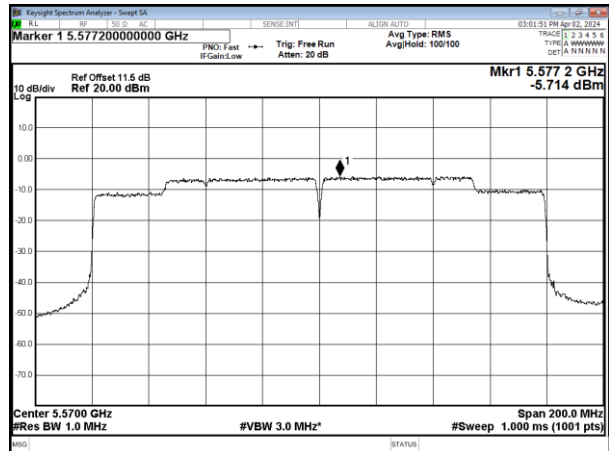
Modulation Standard: 802.11 ax HE80

CH106

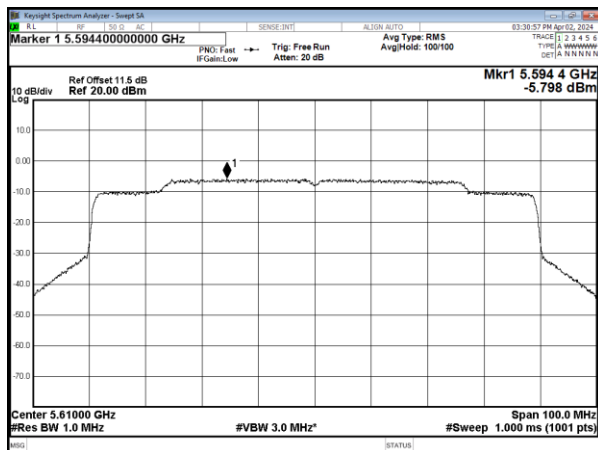


Modulation Standard: 802.11ax HE160

CH114



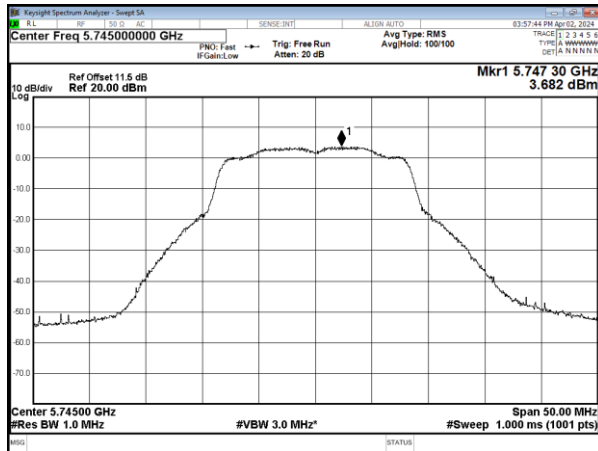
CH122



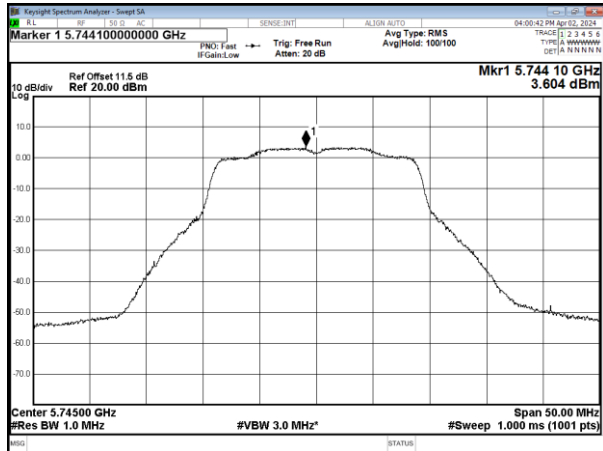


UNII-3

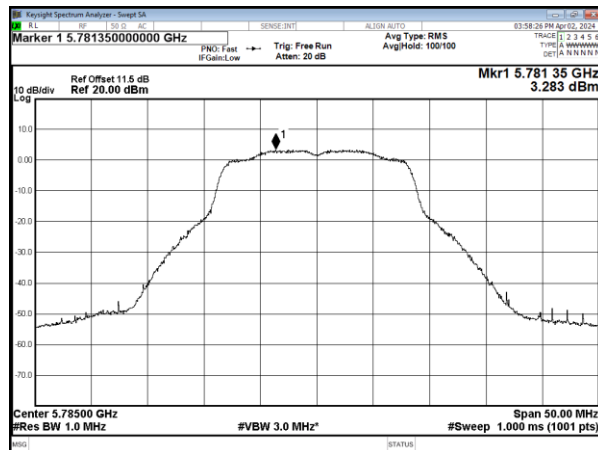
Modulation Type: 802.11a
CH149



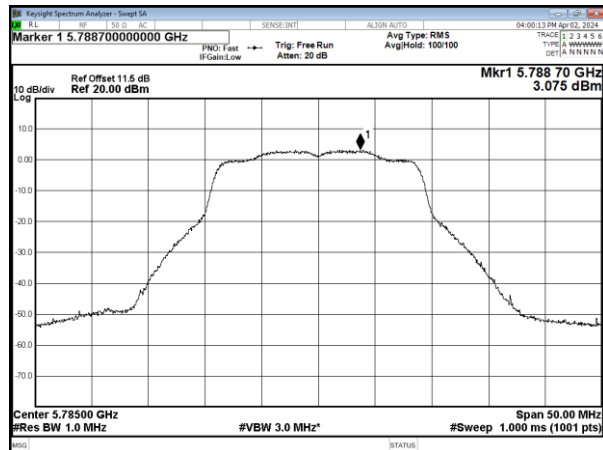
Modulation Type: 802.11ac, VHT20
CH149



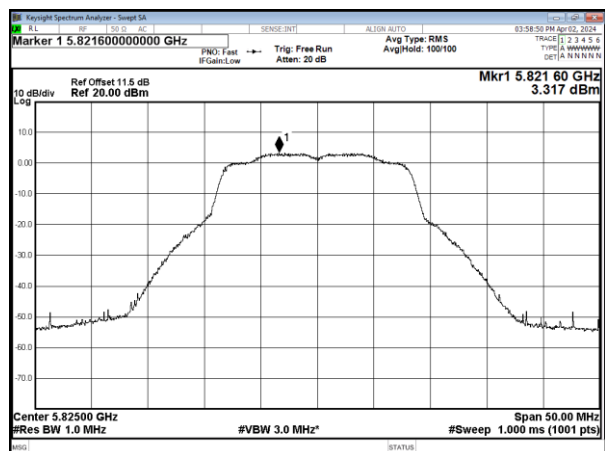
CH157



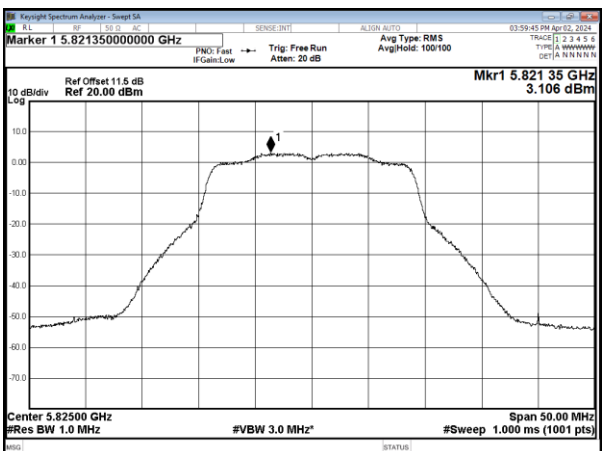
CH157



CH165



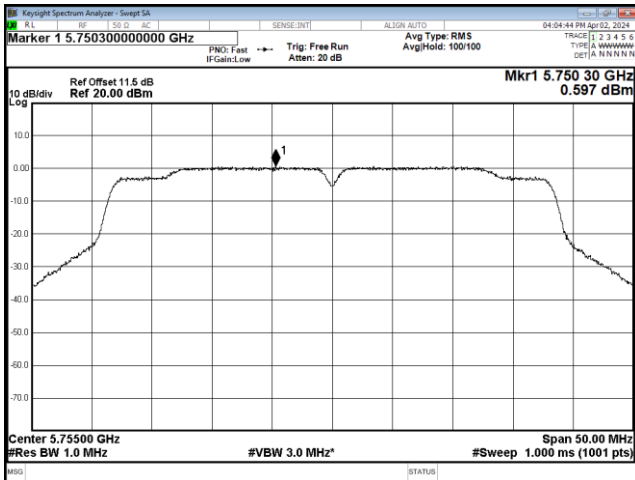
CH165



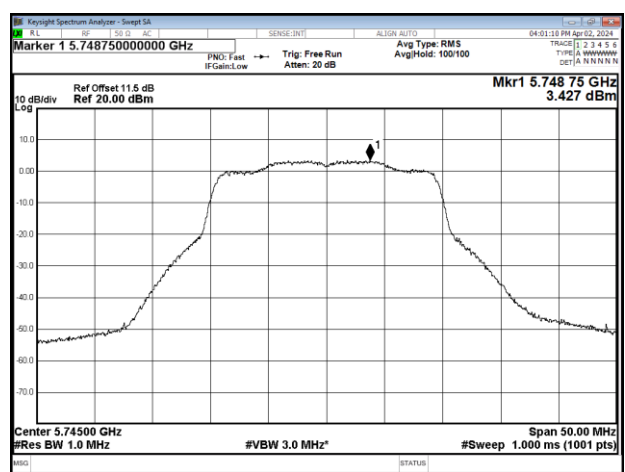


UNII-3

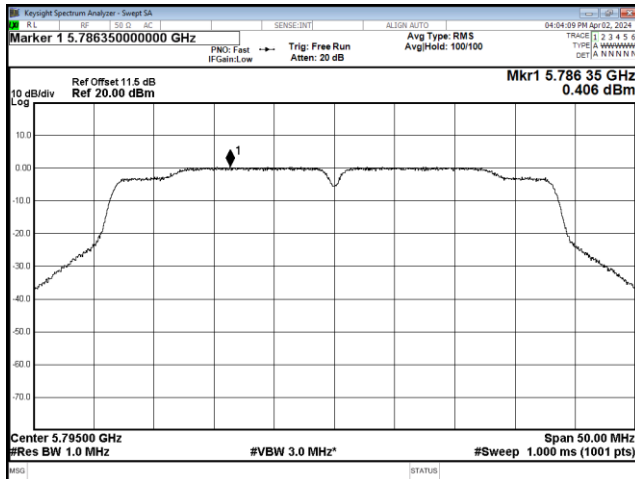
Modulation Type: 802.11ac, VHT40
CH151



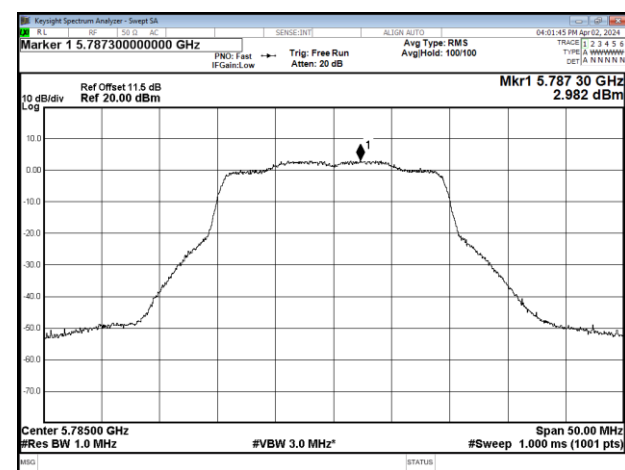
Modulation Type: 802.11nax HE20
CH149



CH159

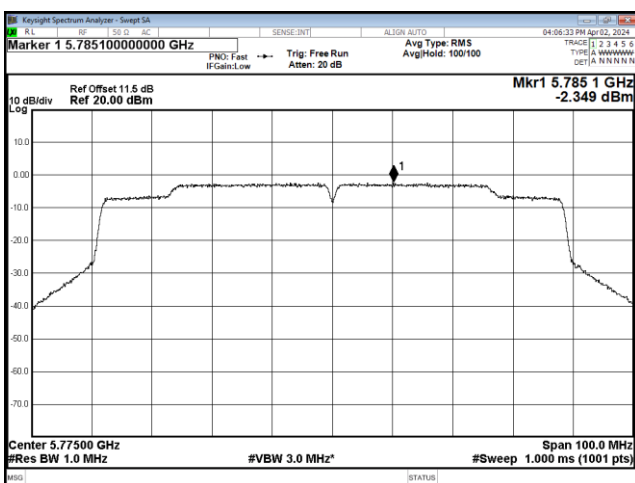


CH157

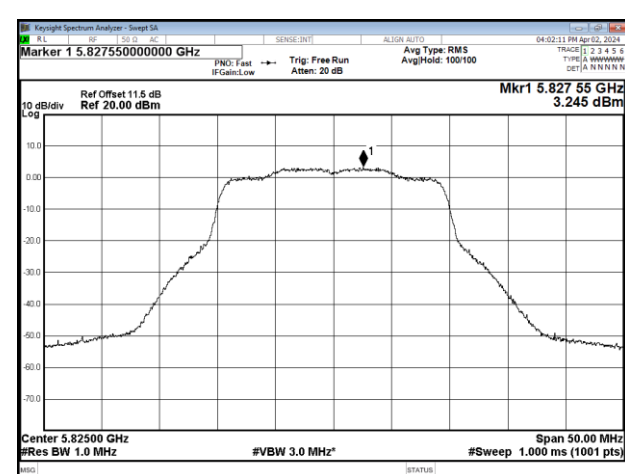


Modulation Type: 802.11ac, VHT80

CH155



CH165

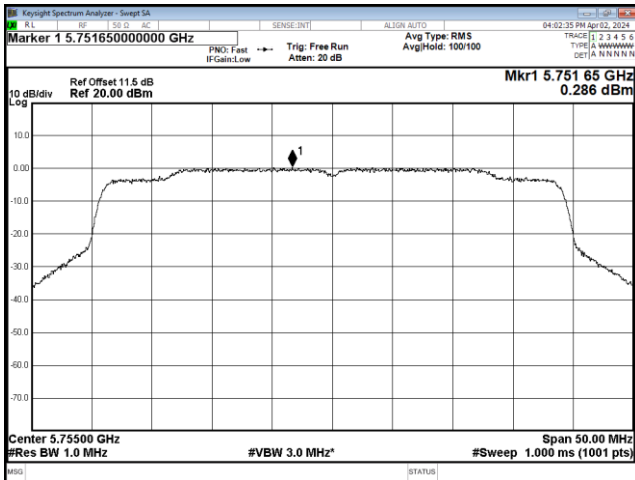




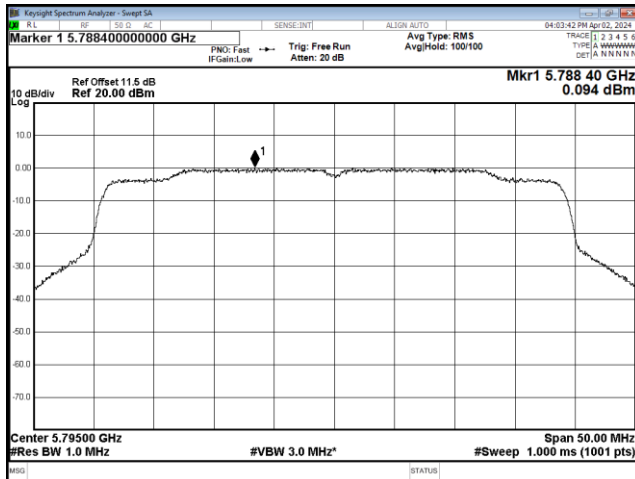
UNII-3

Modulation Type: 802.11 ax HE40

CH151

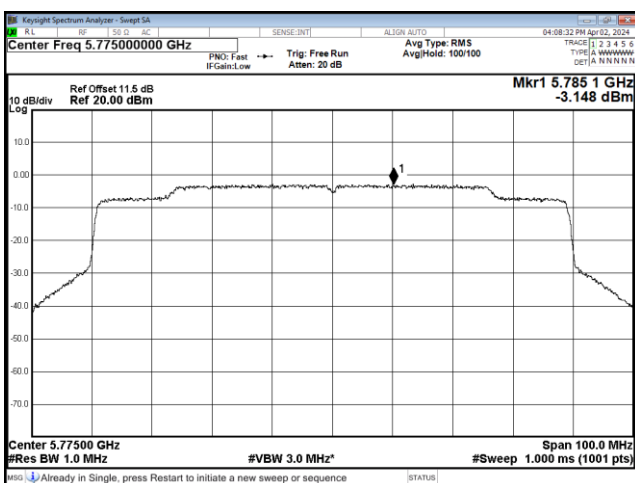


CH159



Modulation Type: 802.11ax HE80

CH155

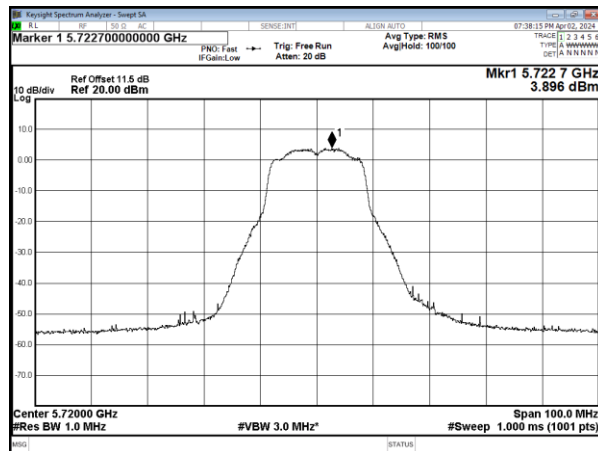




Band: Straddle Channel

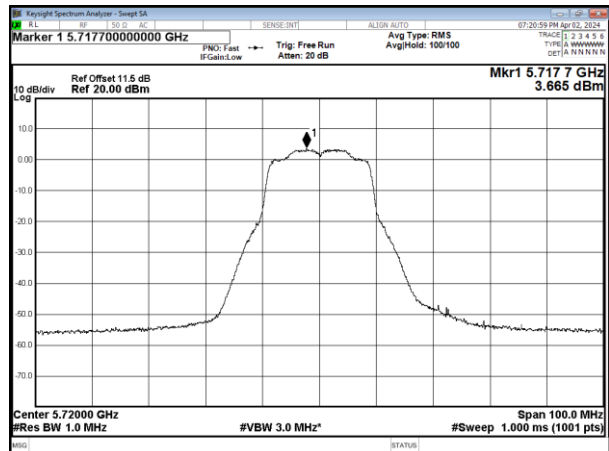
Modulation Standard: 802.11a

CH144



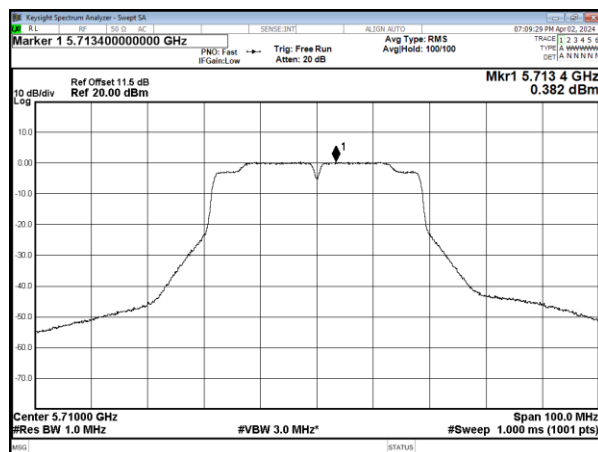
Modulation Standard: 802.11ac VHT20

CH144



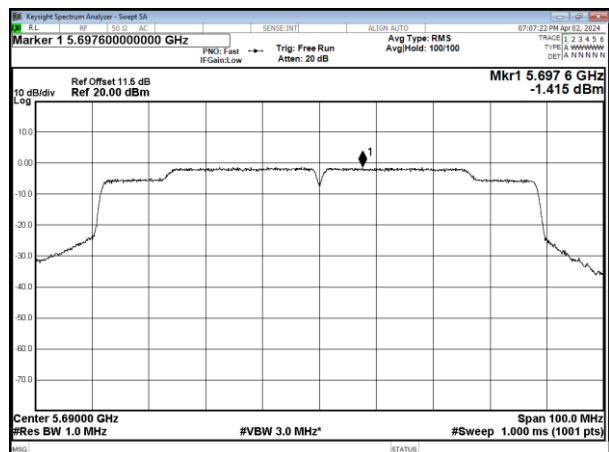
Modulation Standard: 802.11ac VHT40

CH142



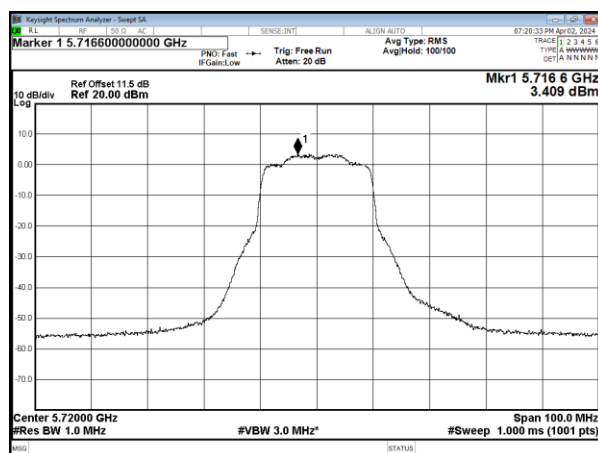
Modulation Standard: 802.11ac VHT80

CH138



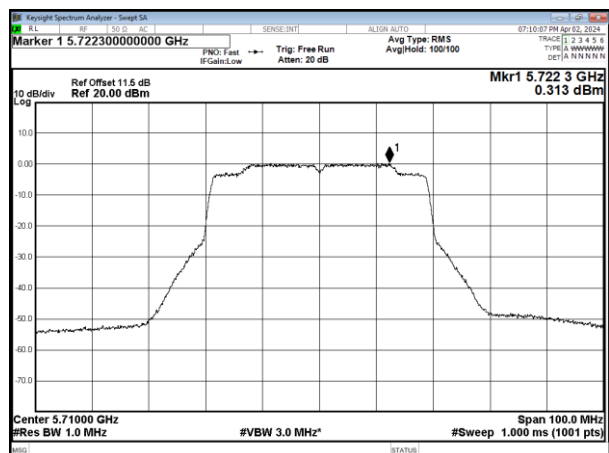
Modulation Standard: 802.11 ax HE20

CH144



Modulation Standard: 802.11 ax HE40

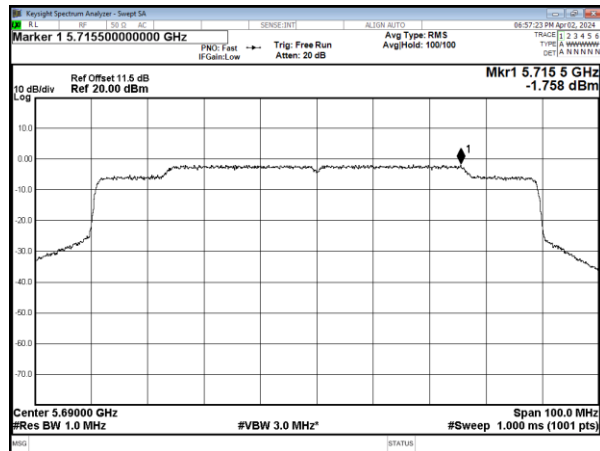
CH142





Modulation Standard: 802.11 ax HE80

CH138



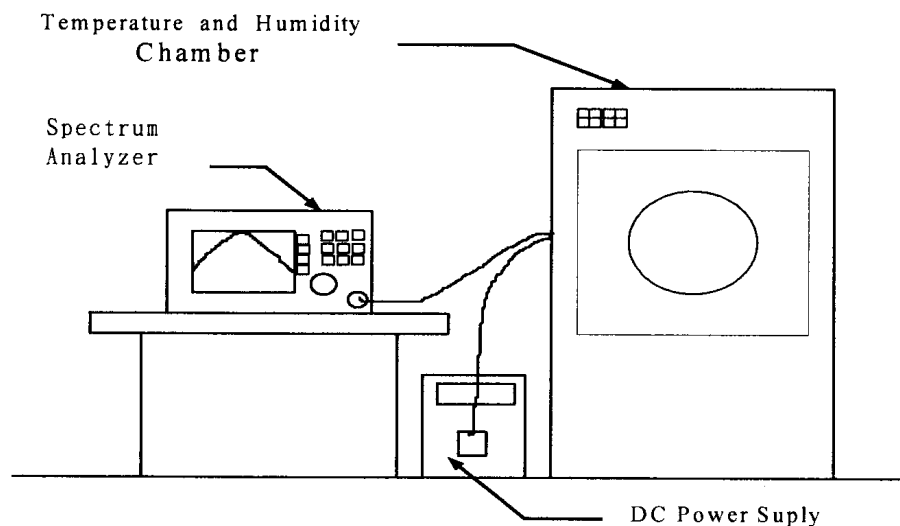


12. Frequency Stability

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	5179.9732	-0.000517	5179.9979	-0.000041	5180.0074	0.000143
	120	5179.9766	-0.000452	5179.9969	-0.000060	5180.0067	0.000129
	108	5179.9681	-0.000616	5179.9976	-0.000046	5180.0057	0.000110
20	132	5179.9579	-0.000813	5179.9964	-0.000069	5180.0049	0.000095
	120	5179.9592	-0.000788	5179.998	-0.000039	5180.005	0.000097
	108	5179.9596	-0.000780	5179.9976	-0.000046	5180.0051	0.000098
10	132	5179.9536	-0.000896	5179.9963	-0.000071	5180.0046	0.000089
	120	5179.9598	-0.000776	5179.9943	-0.000110	5180.0025	0.000048
	108	5179.9648	-0.000680	5179.9962	-0.000073	5180.003	0.000058
0	132	5179.9542	-0.000884	5179.9942	-0.000112	5180.0029	0.000056
	120	5179.9649	-0.000678	5179.994	-0.000116	5180.0034	0.000066
	108	5179.9765	-0.000454	5179.9976	-0.000046	5180.0046	0.000089

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 -----