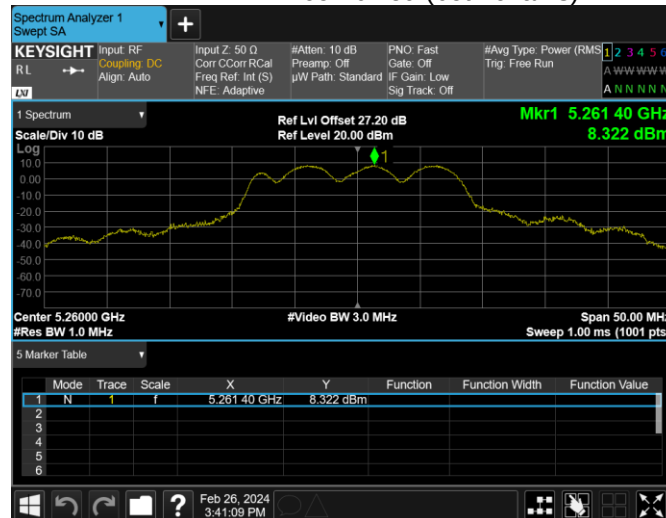
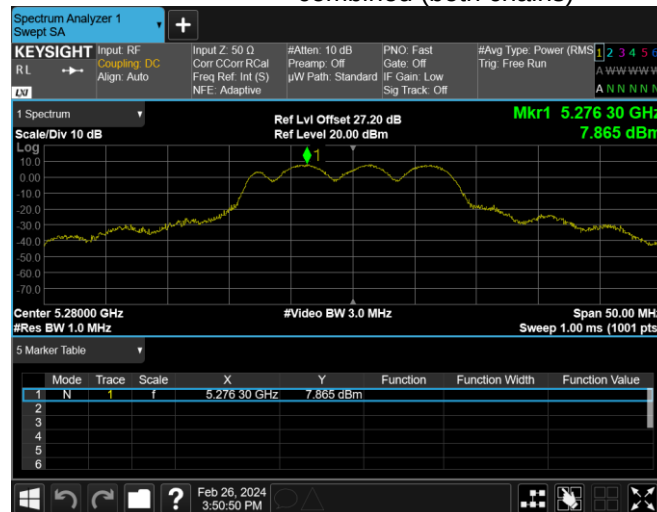


UNII2a:

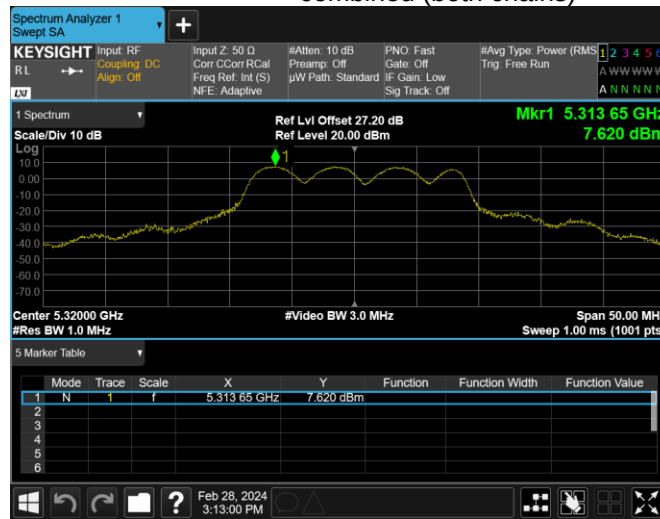
Low Channel – 802.11a NOHT, (5260MHz)
combined (both chains)



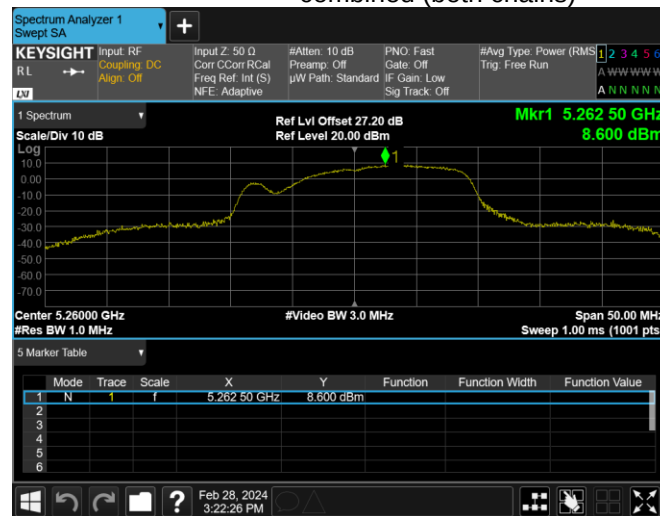
Mid Channel – 802.11a NOHT, (5280MHz)
combined (both chains)



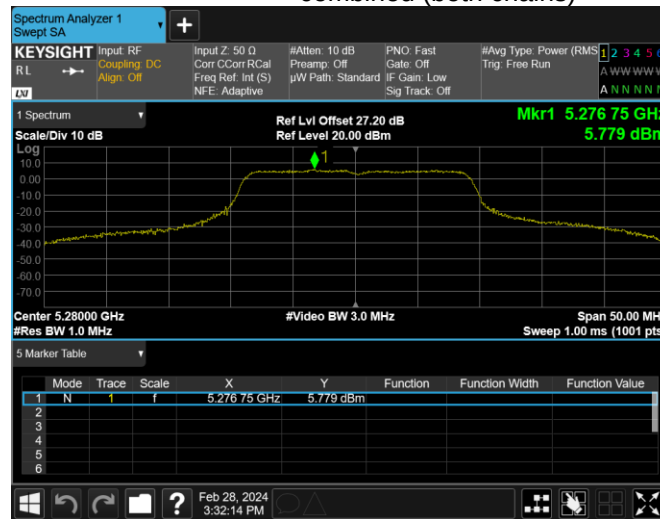
High Channel – 802.11a NOHT, (5320MHz) combined (both chains)



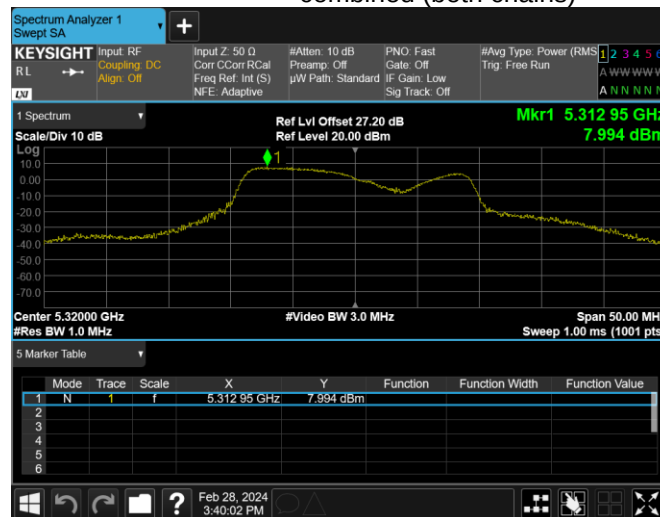
Low Channel – 802.11n20, (5260MHz) combined (both chains)



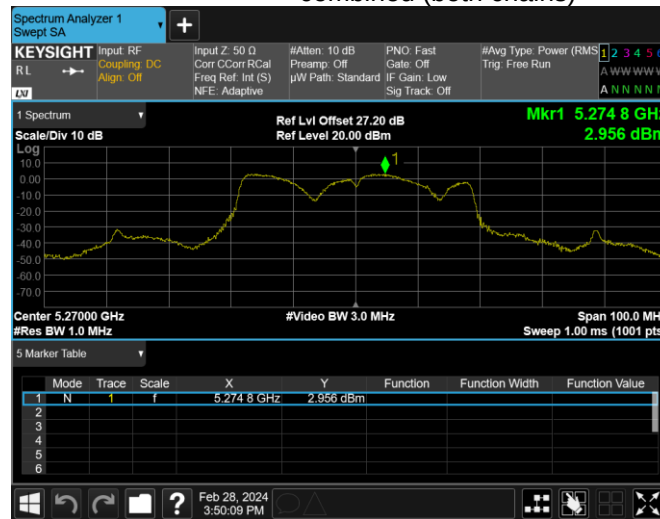
Mid Channel – 802.11n20, (5280MHz) combined (both chains)



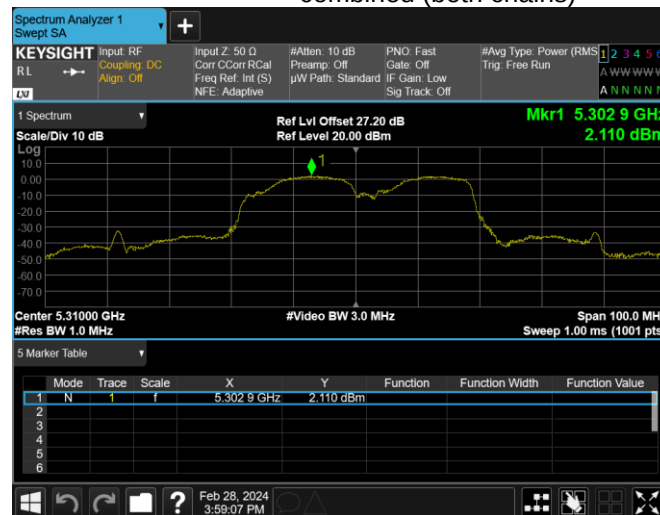
High Channel – 802.11n20, (5320MHz) combined (both chains)



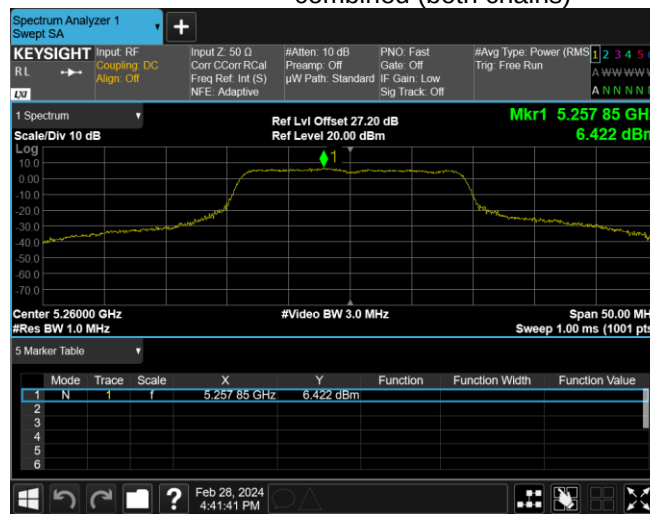
Low Channel – 802.11n40, (5270MHz) combined (both chains)



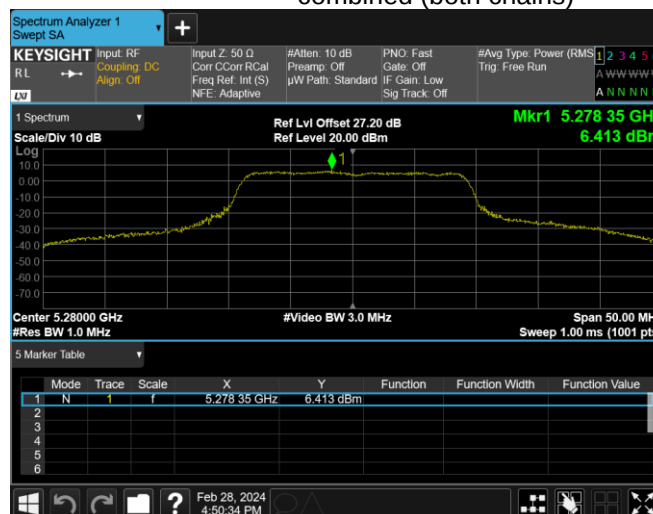
High Channel – 802.11n40, (5310MHz) combined (both chains)



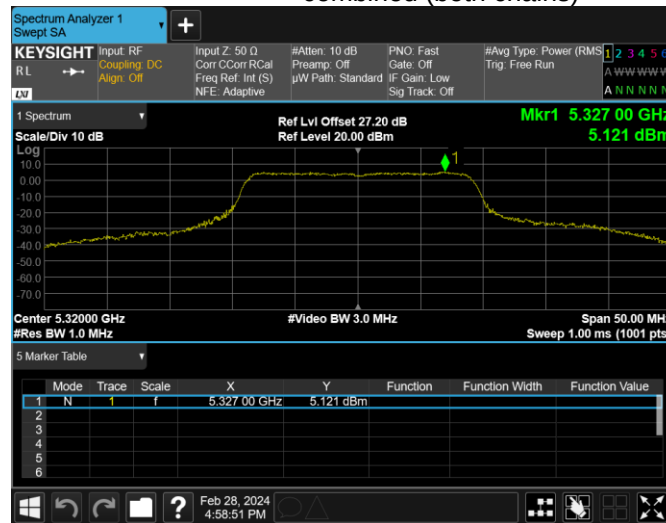
Low Channel – 802.11ac20, (5260MHz) combined (both chains)



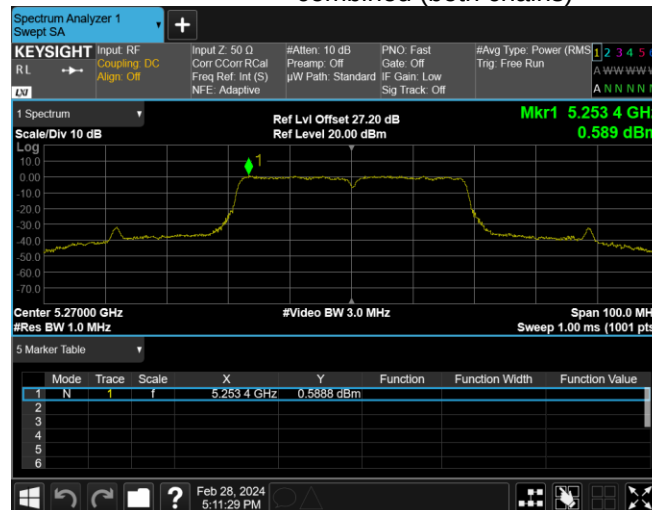
Mid Channel – 802.11ac20, (5280MHz) combined (both chains)



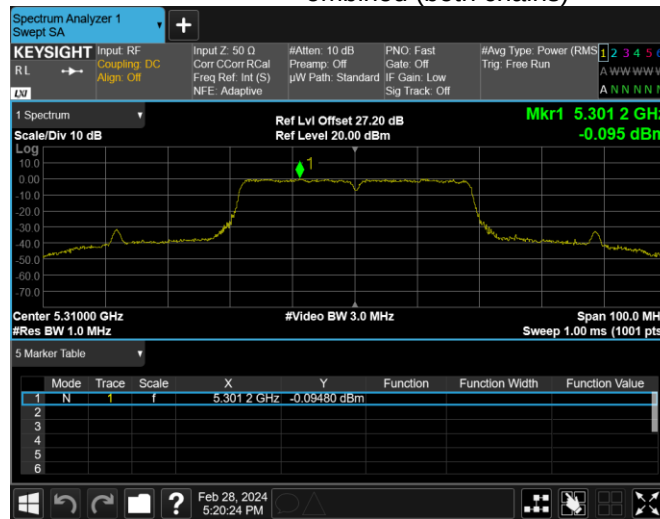
High Channel – 802.11ac20, (5320MHz) combined (both chains)



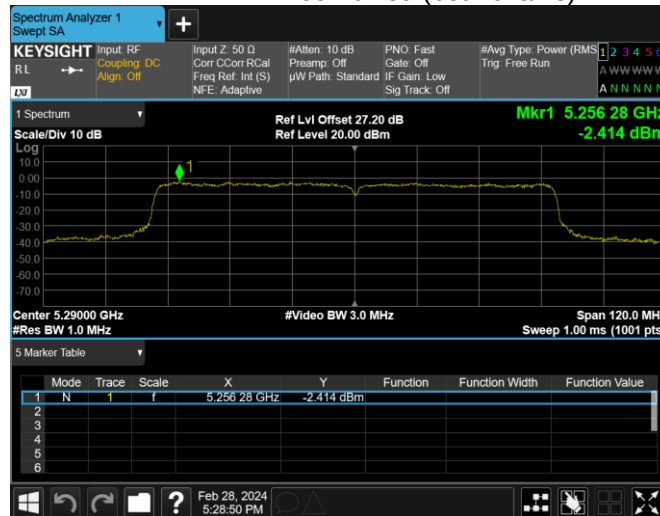
Low Channel – 802.11ac40, (5270MHz) combined (both chains)



High Channel – 802.11ac40, (5310MHz) combined (both chains)

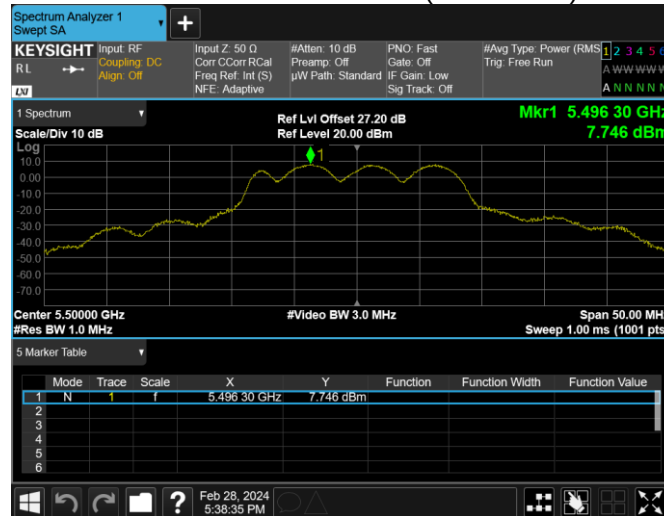


Mid Channel – 802.11ac80, (5290MHz) combined (both chains)

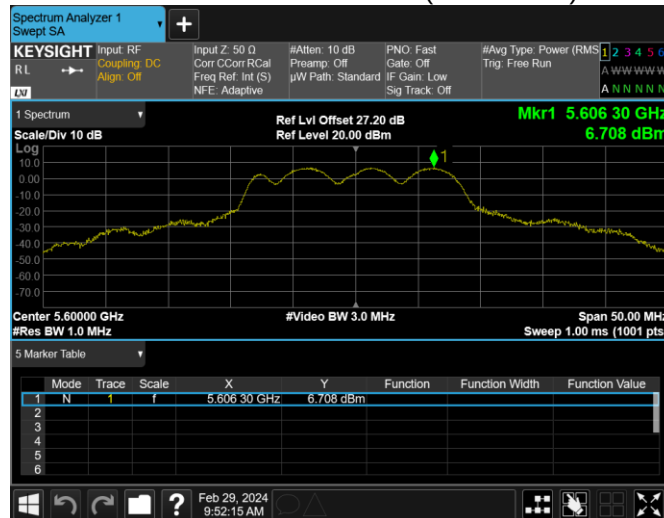


UNII2c:

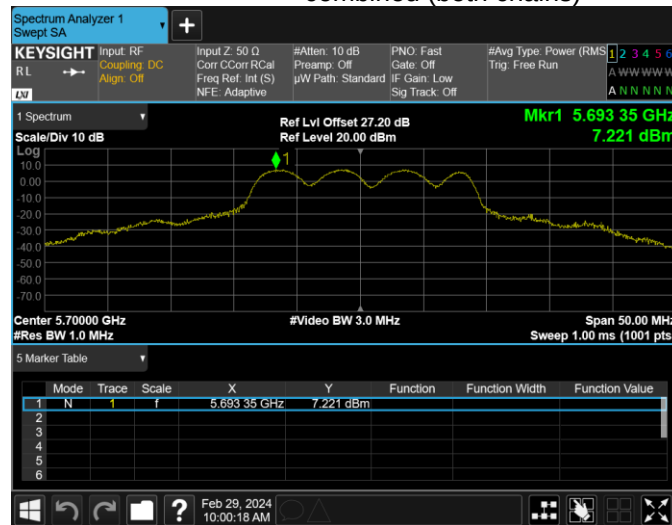
Low Channel – 802.11a NOHT, (5500MHz)
combined (both chains)



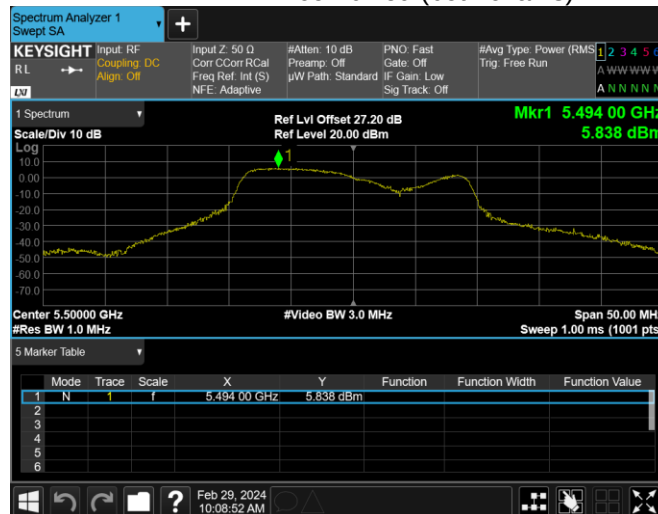
Mid Channel – 802.11a NOHT, (5600MHz)
combined (both chains)



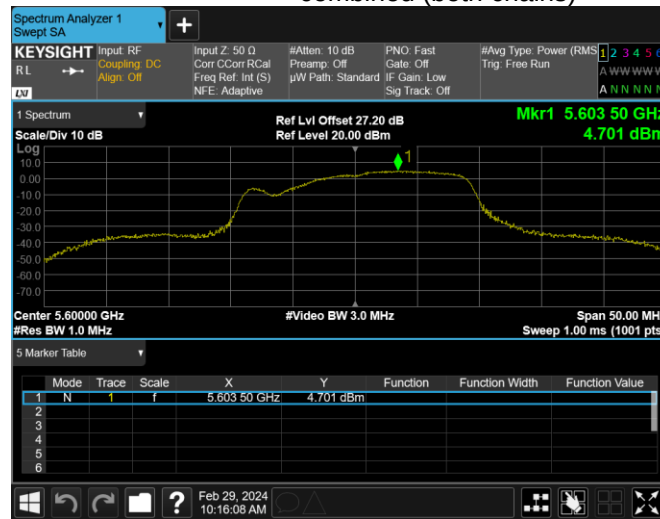
High Channel – 802.11a NOHT, (5700MHz) combined (both chains)



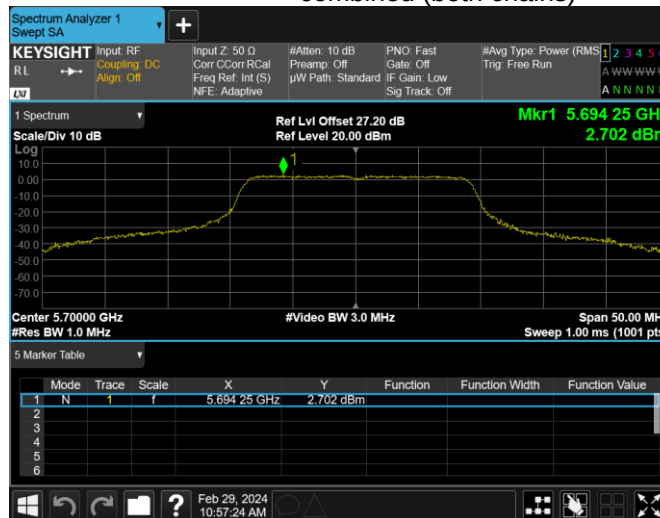
Low Channel – 802.11n20, (5500MHz) combined (both chains)



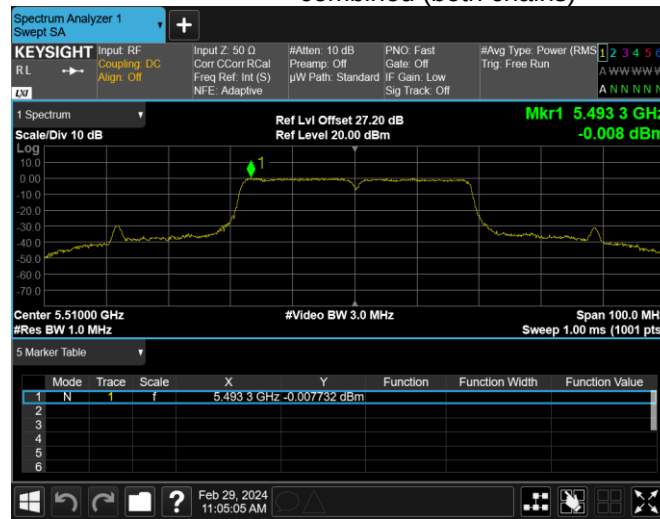
Mid Channel – 802.11n20, (5600MHz) combined (both chains)



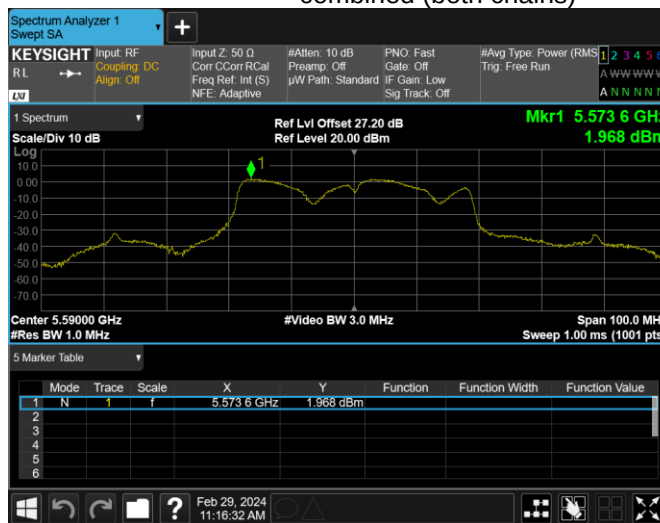
High Channel – 802.11n20, (5700MHz) combined (both chains)



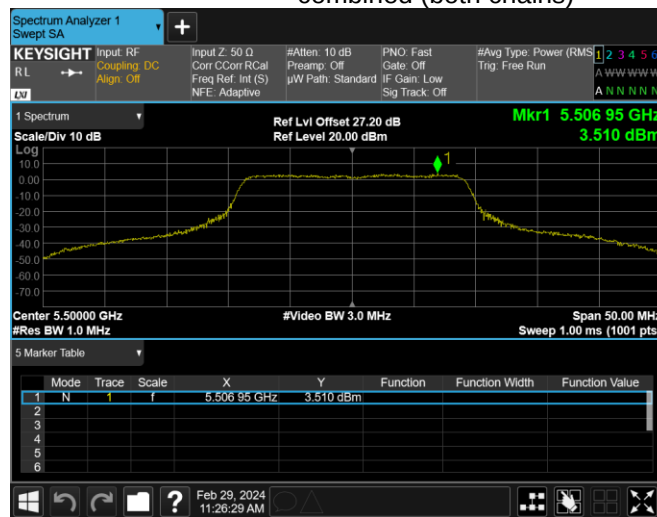
Low Channel – 802.11n40, (5510MHz) combined (both chains)



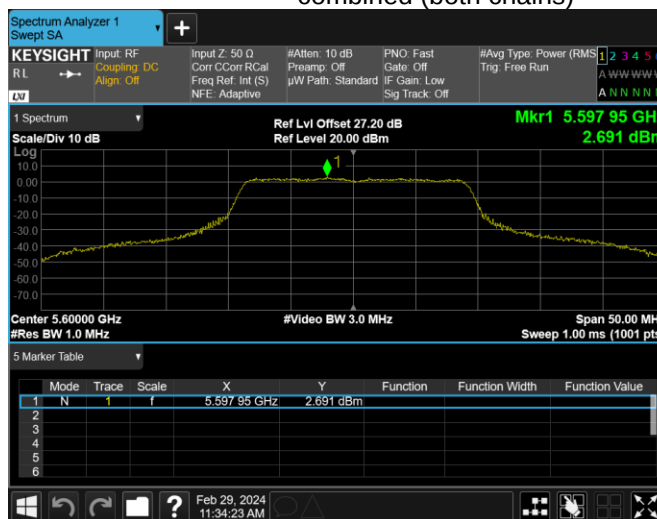
High Channel – 802.11n40, (5590MHz) combined (both chains)



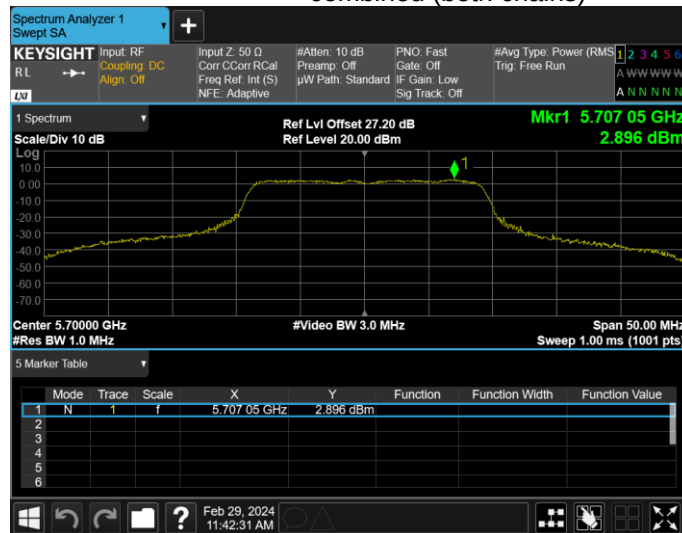
Low Channel – 802.11ac20, (5500MHz) combined (both chains)



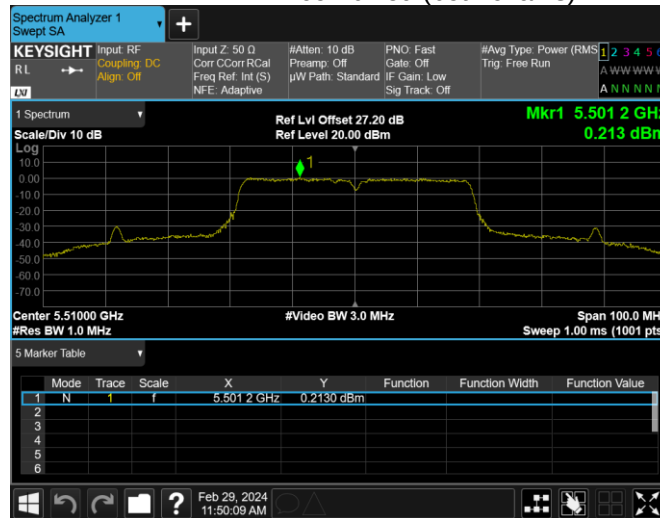
Mid Channel – 802.11ac20, (5600MHz) combined (both chains)



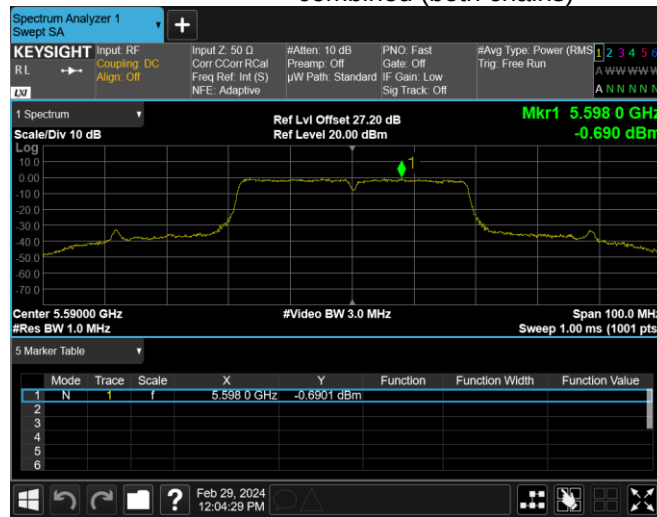
High Channel – 802.11ac20, (5700MHz) combined (both chains)



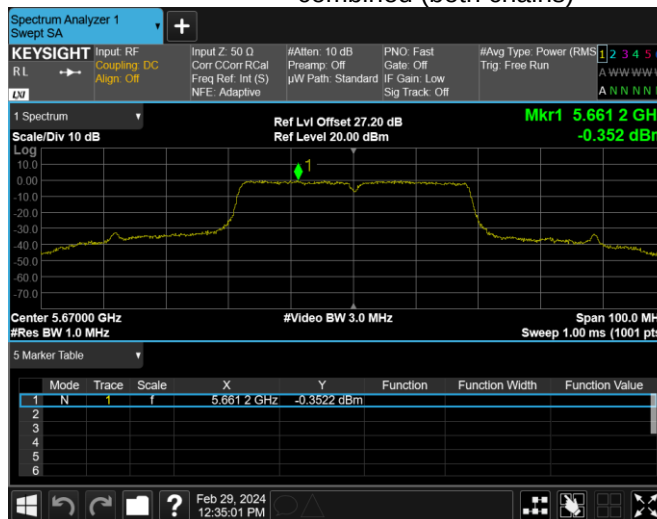
Low Channel – 802.11ac40, (5510MHz) combined (both chains)



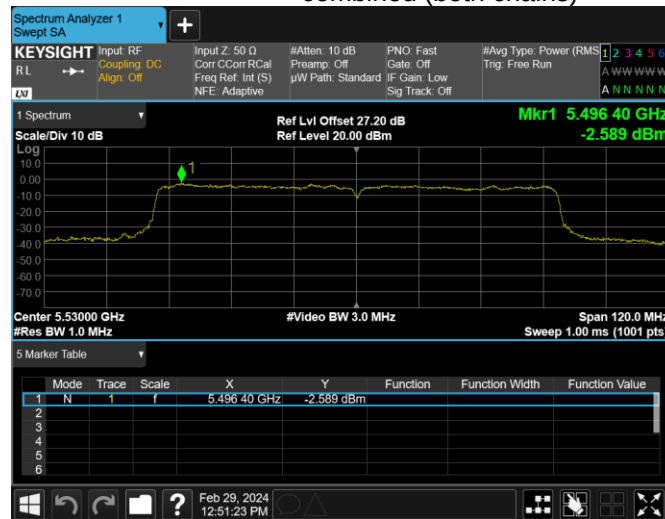
Mid Channel – 802.11ac40, (5590MHz) combined (both chains)



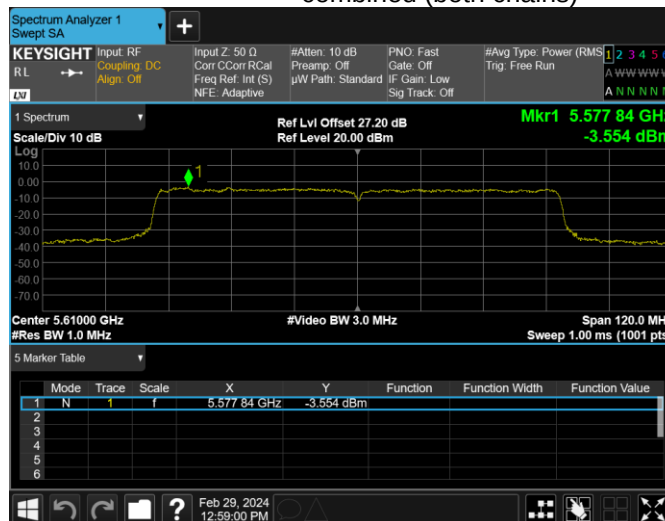
High Channel – 802.11ac40, (5670MHz) combined (both chains)



Low Channel – 802.11ac80, (5530MHz) combined (both chains)

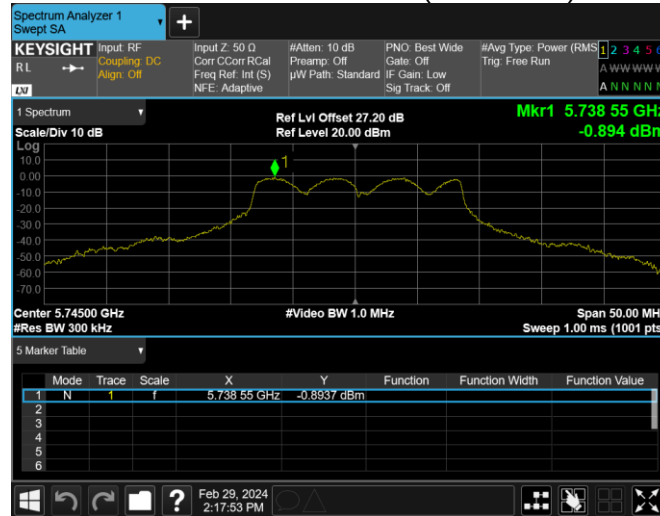


High Channel – 802.11ac80, (5610MHz) combined (both chains)

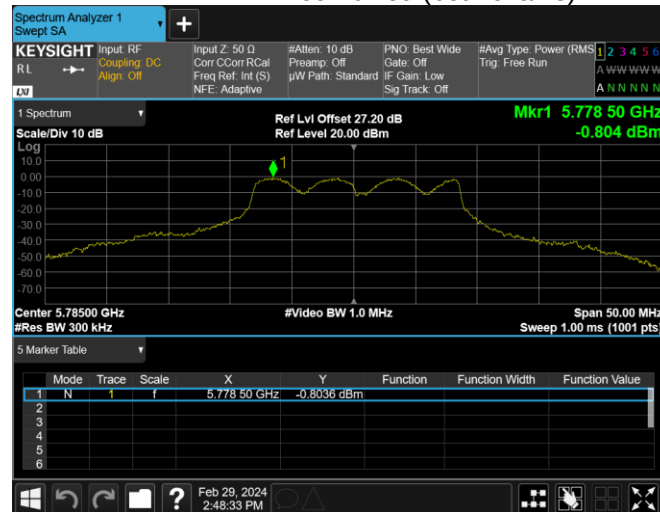


UNII3:

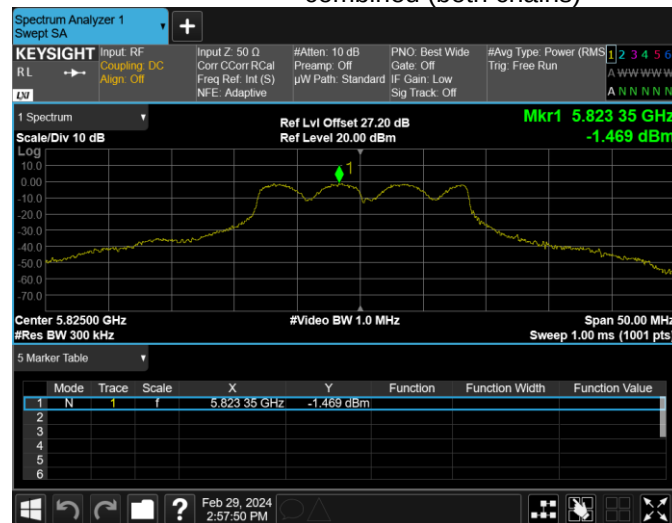
Low Channel – 802.11a NOHT, (5745MHz) combined (both chains)



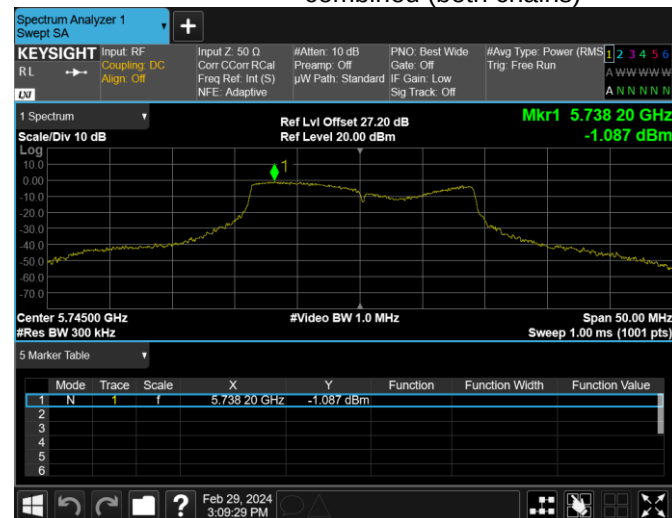
Mid Channel – 802.11a NOHT, (5785MHz) combined (both chains)



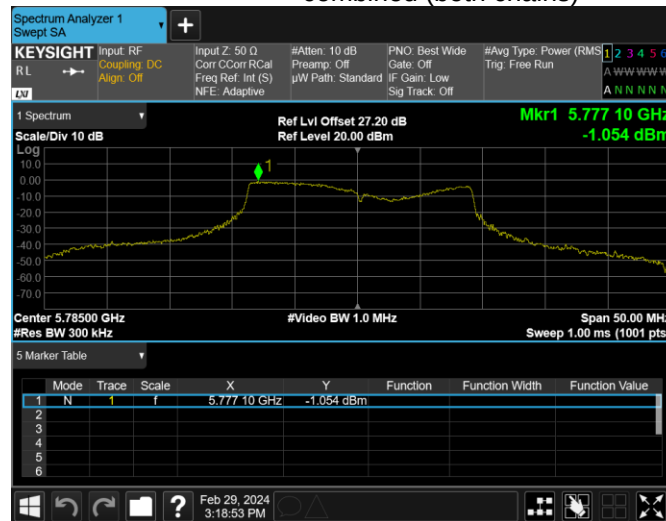
High Channel – 802.11a NOHT, (5825MHz) combined (both chains)



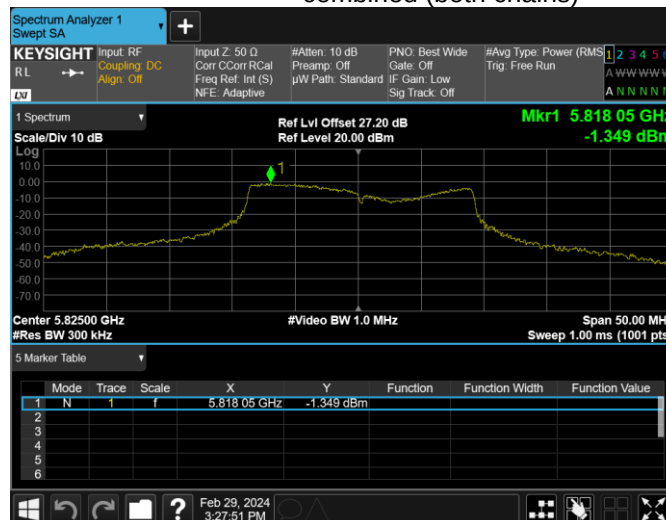
Low Channel – 802.11n20, (5745MHz) combined (both chains)



Mid Channel – 802.11n20, (5785MHz) combined (both chains)

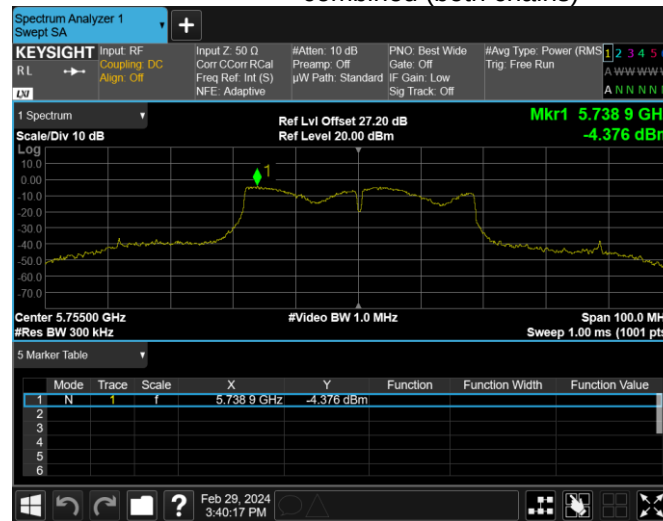


High Channel – 802.11n20, (5825MHz) combined (both chains)



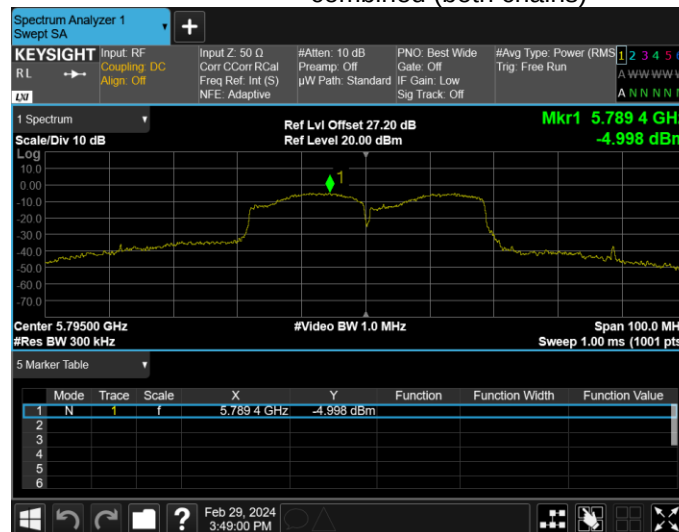
Low Channel – 802.11n40, (5755MHz)

combined (both chains)

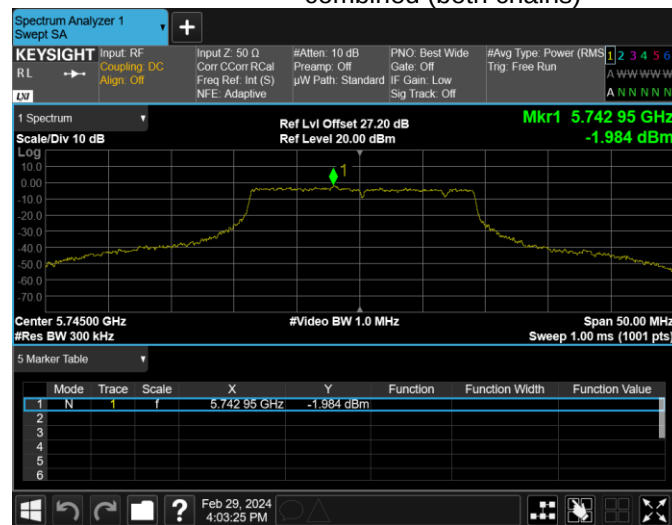


High Channel – 802.11n40, (5795MHz)

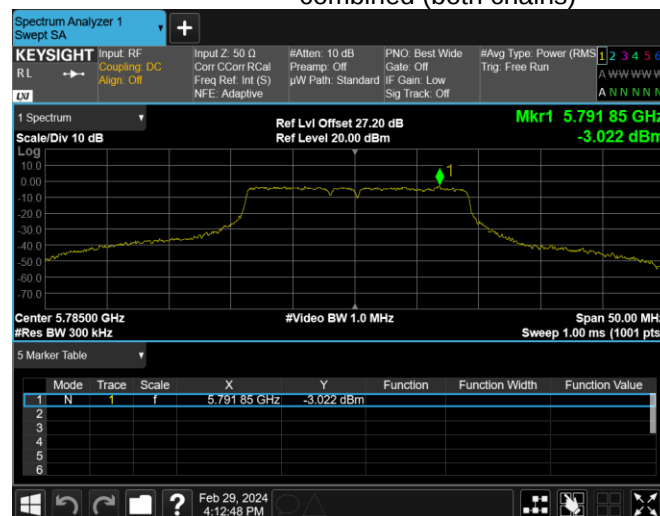
combined (both chains)



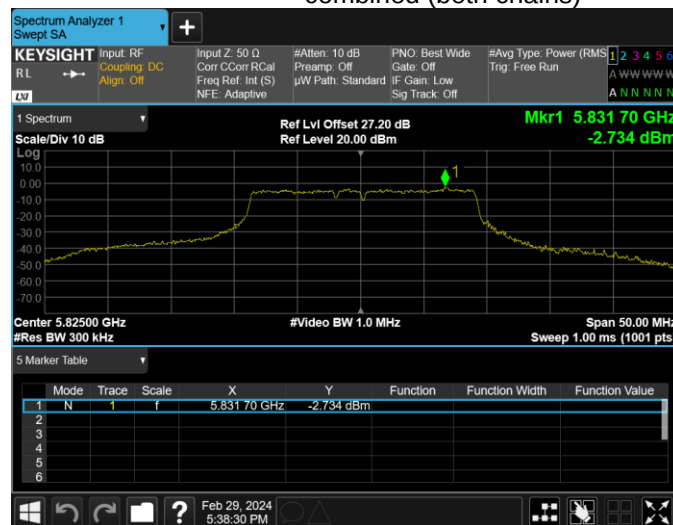
Low Channel – 802.11ac20, (5745MHz) combined (both chains)



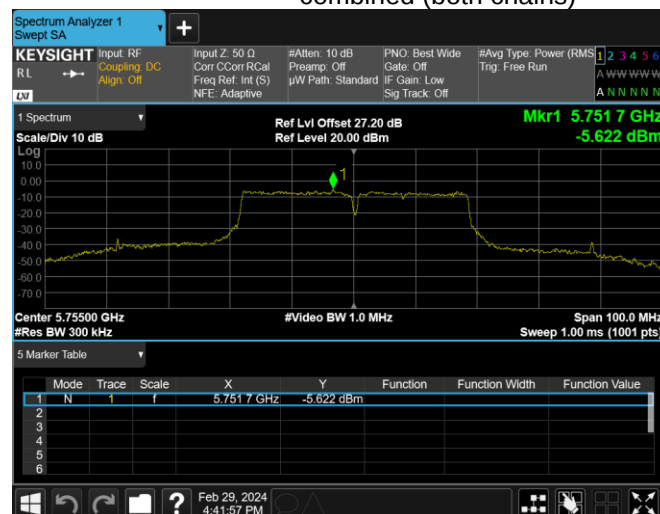
Mid Channel – 802.11ac20, (5785MHz) combined (both chains)



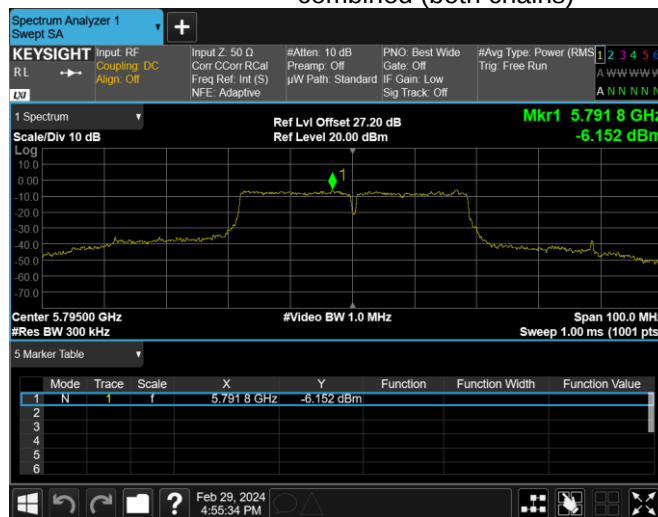
High Channel – 802.11ac20, (5825MHz) combined (both chains)



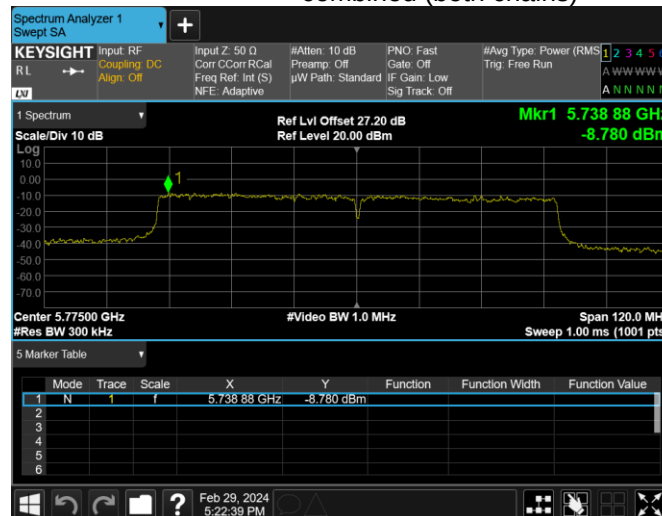
Low Channel – 802.11ac40, (5755MHz) combined (both chains)



High Channel – 802.11ac40, (5795MHz) combined (both chains)



Mid Channel – 802.11ac80, (5775MHz) combined (both chains)



7 Frequency stability

7.1 Test Result

Test Description	Test Specification		Test Result
Frequency Stability	15.407(c)	N/A	Compliant

7.2 Applicable Requirement

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 users manual.

7.3 Conformance

The applicant states in Operational Description that this requirement is fulfilled. Please see that exhibit for details.

8 Conducted Emissions

8.1 Test Result

Test Description	Basic Standards	Test Result
Conducted Emissions	15.107, Class B ANSI C63.4:2009	N/A

8.2 Test Method

With the receiver's resolution bandwidth was set to 9 kHz, exploratory scans were performed over the measuring frequency range (0.15 MHz to 30 MHz) using a max hold mode incorporating a Peak detector and Average detector and using the TILE! software. The final test data was measured using a Quasi-Peak detector and Average detector and compared against the limits indicated in the table below.

Frequency Range	Class A Limits (dBuV)		Class B Limits (dBuV)	
	FCC	CISPR	FCC	CISPR
0.15 to 0.5 MHz		Avg 66 QP 79		Avg 56 to 46 QP 66 to 56
0.5 to 5 MHz		Avg 60 QP 73		Avg 46 Pk 56
5 to 30 MHz		Avg 60 QP 73		Avg 50 Pk 60

8.3 Additional information

EUT is an DC powered device, AC conducted emission is not required. No test performed.

9 Measurement Uncertainty

The measurement uncertainty figures are calculated in accordance with TR 100 028-1 [2] and correspond to an expansion factor (coverage factor) $k = 2$ (which provides confidence levels of 95.45 % in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Measurement uncertainty is not used to adjust the measurements to determine compliance.

Parameter	Expanded Uncertainty for Normal k factor equal to 2	
	Required	Laboratory Actual
Radio Frequency	$\pm 1 \times 10^{-5}$	$\pm 9.8 \times 10^{-8}$
total RF power, conducted	± 1.5 dB	± 1.2 dB
RF power density, conducted	± 3 dB	± 0.7 dB
spurious emissions, conducted	± 3 dB	± 2.1 dB
all emissions, radiated	± 6 dB	± 4.8 dB
temperature	$\pm 1^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$
humidity	± 5 %	$\pm 3.5\%$
DC and low frequency voltages	± 3 %	$\pm 0.4\%$

10 Revision History

Revision Level	Description of changes	Revision Date
0	Initial Release	May 31, 2024
1	Added 99% data to ch 3.6, ch 5.4, 7 and 8 Moved limit from ch 3.1 to 3.2 Added limit to ch 4.2 Added e.i.r.p. date to ch 4.7 Added bandwidth correction factor to table on page 363	June 26, 2024