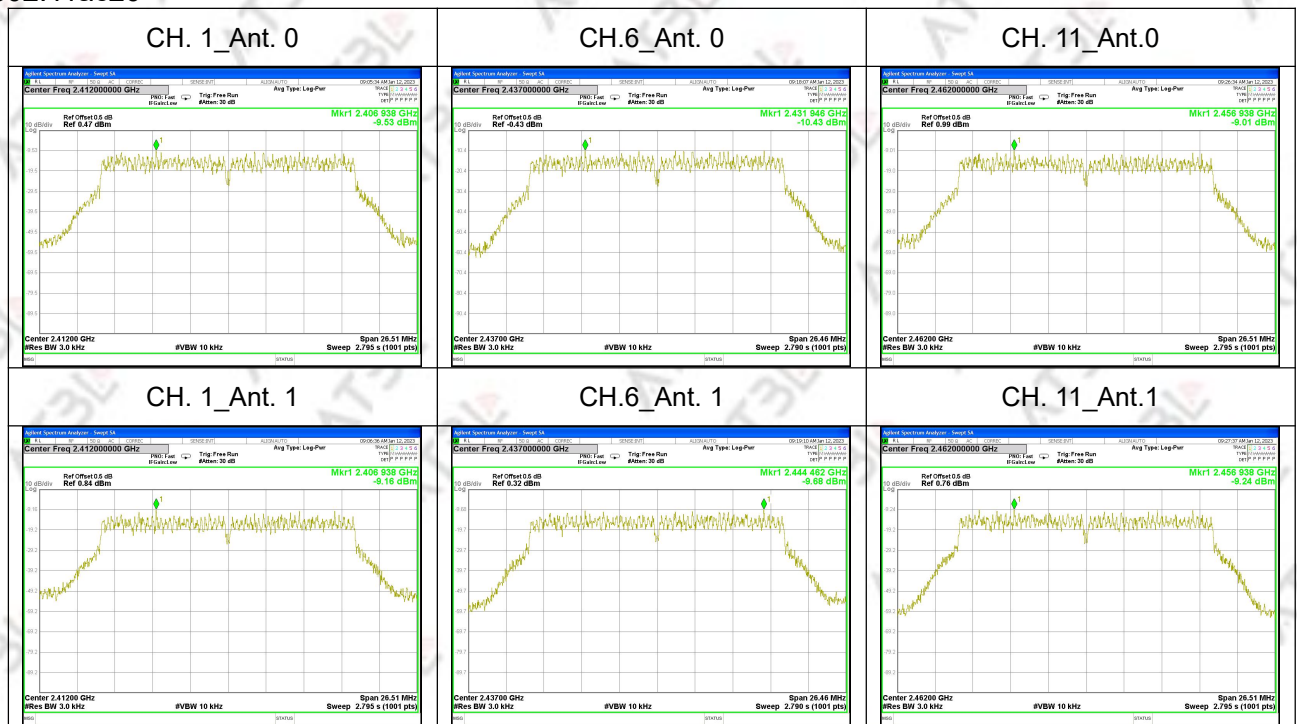
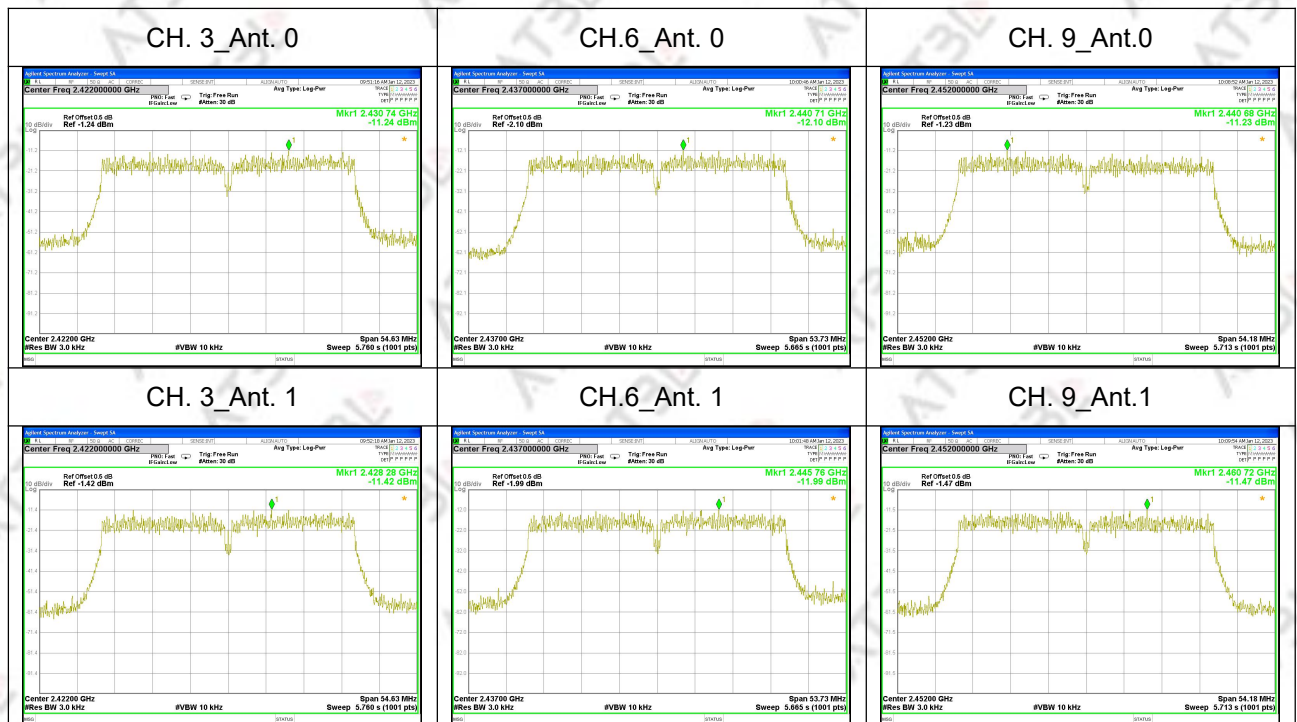


802.11ac20



802.11ac40



6. BANDWIDTH TEST

6.1 LIMIT

FCC Part15.247,Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	$\geq 500\text{kHz}$ (6dB bandwidth)	2400-2483.5	PASS
15.247	99% Bandwidth	For reporting purposes only.	2400-2483.5	PASS

6.2 TEST PROCEDURE

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described above (i.e., RBW = 100 kHz, VBW $\geq$ 3RBW, peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be $\geq$ 6 dB.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

6.6 TEST RESULTS

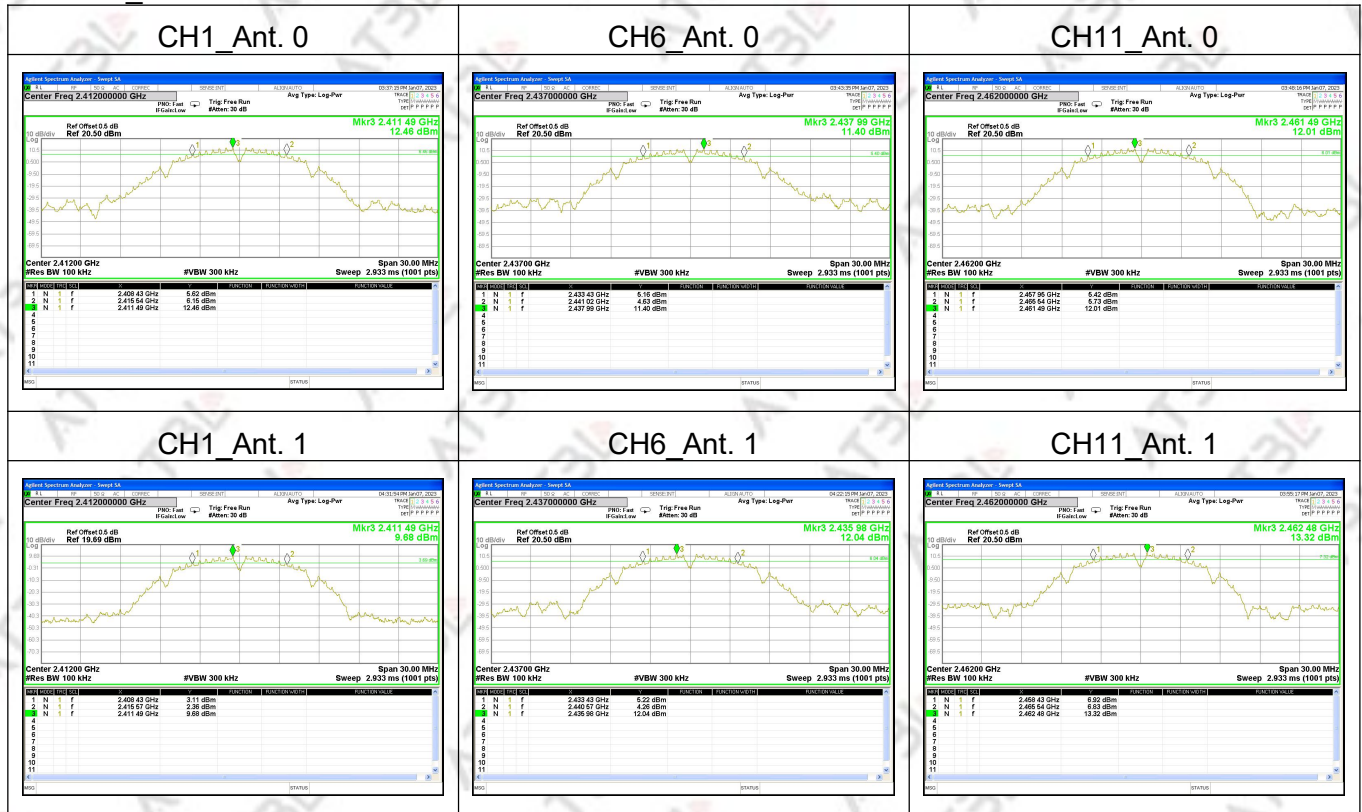
Temperature:	25°C	Relative Humidity:	60%RH
Test Voltage:	AC 120V/60Hz	Test Mode:	TX

6dB & 99% Bandwidth					
Test mode	Frequency	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	6dB Bandwidth Limit(kHz)	Result
b_Ant0	2412 MHz	10.510	7.110	≥500kHz	PASS
	2437 MHz	10.939	7.590	≥500kHz	PASS
	2462 MHz	10.332	7.590	≥500kHz	PASS
g_Ant0	2412 MHz	16.937	16.380	≥500kHz	PASS
	2437 MHz	16.911	16.140	≥500kHz	PASS
	2462 MHz	16.921	16.380	≥500kHz	PASS
n20_Ant0	2412 MHz	17.903	17.640	≥500kHz	PASS
	2437 MHz	17.907	17.370	≥500kHz	PASS
	2462 MHz	17.924	17.670	≥500kHz	PASS
N40_Ant0	2422 MHz	36.392	36.420	≥500kHz	PASS
	2437 MHz	36.307	35.640	≥500kHz	PASS
	2452 MHz	36.319	36.120	≥500kHz	PASS
ax20_Ant0	2412 MHz	19.084	18.990	≥500kHz	PASS
	2437 MHz	19.063	18.690	≥500kHz	PASS
	2462 MHz	19.046	18.900	≥500kHz	PASS
ax40_Ant0	2422 MHz	37.688	37.500	≥500kHz	PASS
	2437 MHz	37.609	37.380	≥500kHz	PASS
	2452 MHz	37.659	37.140	≥500kHz	PASS
ac20_Ant0	2412 MHz	17.855	17.640	≥500kHz	PASS
	2437 MHz	17.826	17.610	≥500kHz	PASS
	2462 MHz	17.887	17.610	≥500kHz	PASS
ac40_Ant0	2422 MHz	36.349	36.480	≥500kHz	PASS
	2437 MHz	36.219	35.880	≥500kHz	PASS
	2452 MHz	36.253	35.880	≥500kHz	PASS

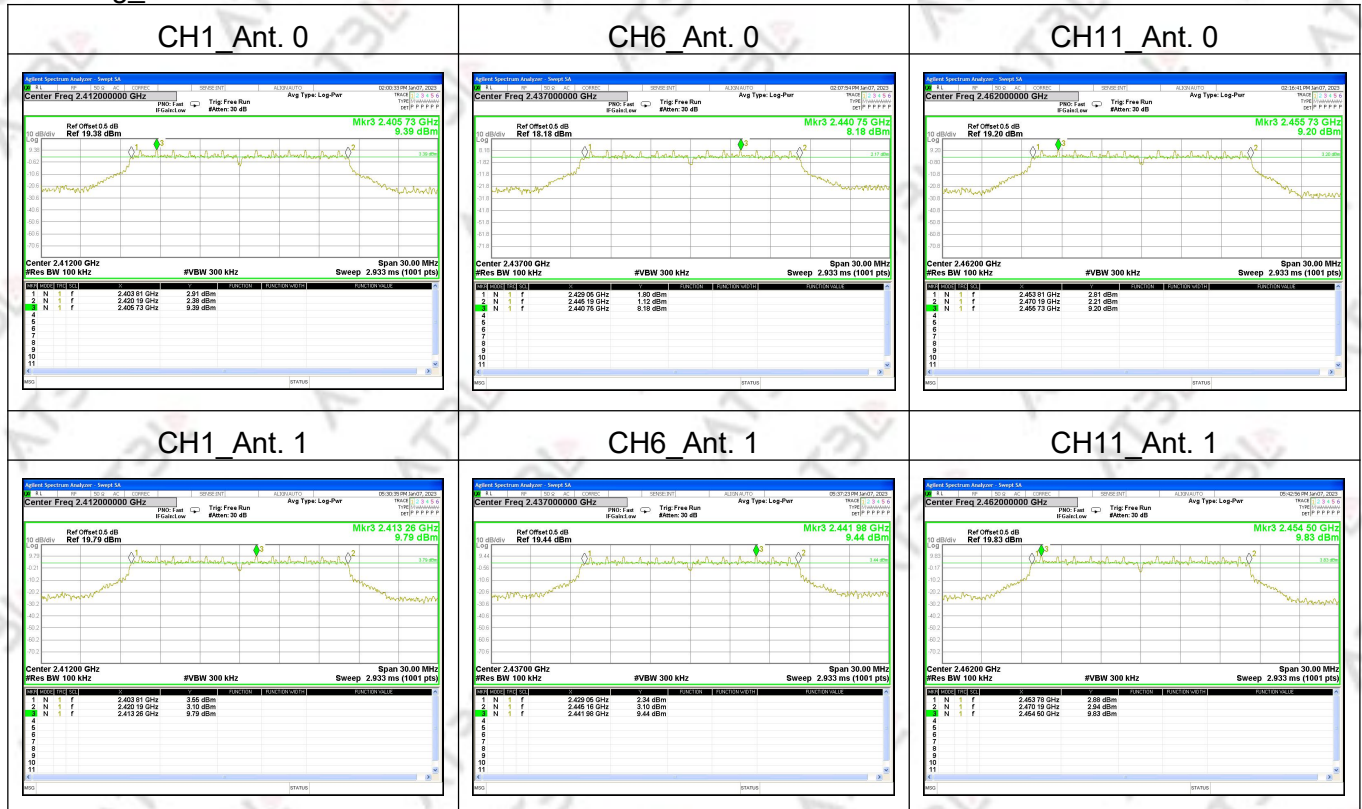
Test mode	Frequency	99% Bandwidth (MHz)	6dB Bandwidth (MHz)	6dB Bandwidth Limit(kHz)	Result
b_Ant1	2412 MHz	10.186	7.140	≥500kHz	PASS
	2437 MHz	10.853	7.140	≥500kHz	PASS
	2462 MHz	10.211	7.110	≥500kHz	PASS
g_Ant1	2412 MHz	16.635	16.380	≥500kHz	PASS
	2437 MHz	16.627	16.110	≥500kHz	PASS
	2462 MHz	16.638	16.410	≥500kHz	PASS
n20_Ant1	2412 MHz	17.827	17.640	≥500kHz	PASS
	2437 MHz	17.846	17.640	≥500kHz	PASS
	2462 MHz	17.816	17.640	≥500kHz	PASS
N40_Ant1	2422 MHz	36.375	36.420	≥500kHz	PASS
	2437 MHz	36.291	36.360	≥500kHz	PASS
	2452 MHz	36.319	36.060	≥500kHz	PASS
ax20_Ant1	2412 MHz	19.045	18.990	≥500kHz	PASS
	2437 MHz	19.051	18.780	≥500kHz	PASS
	2462 MHz	19.046	18.930	≥500kHz	PASS
ax40_Ant1	2422 MHz	37.699	37.740	≥500kHz	PASS
	2437 MHz	37.637	36.720	≥500kHz	PASS
	2452 MHz	37.674	37.440	≥500kHz	PASS
ac20_Ant1	2412 MHz	17.882	17.670	≥500kHz	PASS
	2437 MHz	17.765	17.640	≥500kHz	PASS
	2462 MHz	17.822	17.670	≥500kHz	PASS
ac40_Ant1	2422 MHz	36.269	36.420	≥500kHz	PASS
	2437 MHz	36.189	35.820	≥500kHz	PASS
	2452 MHz	36.246	36.120	≥500kHz	PASS

6dB Bandwidth

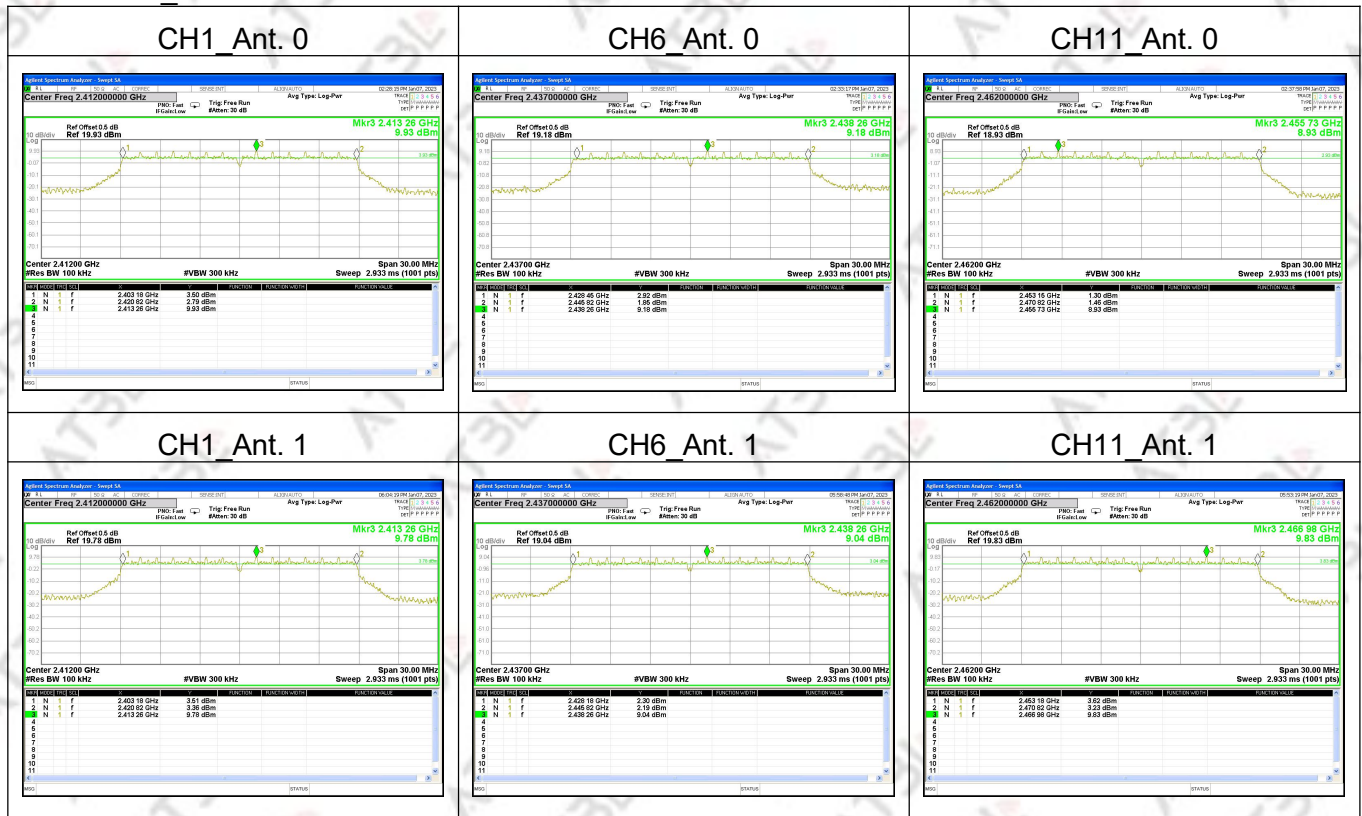
802.11b_MIMO



802.11g_MIMO



802.11n20_MIMO



802.11n40_MIMO

