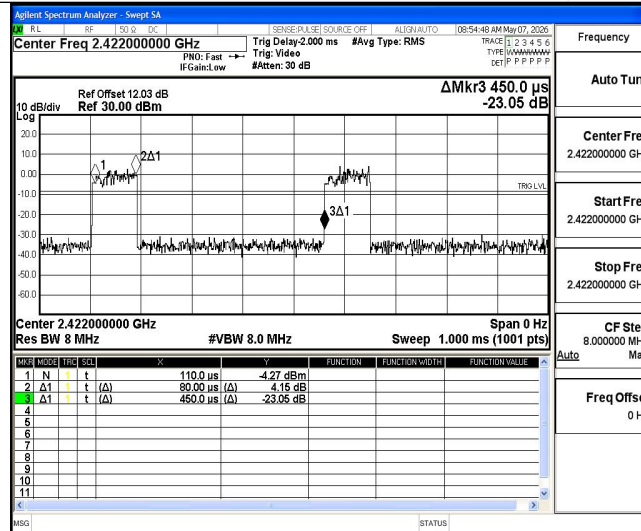
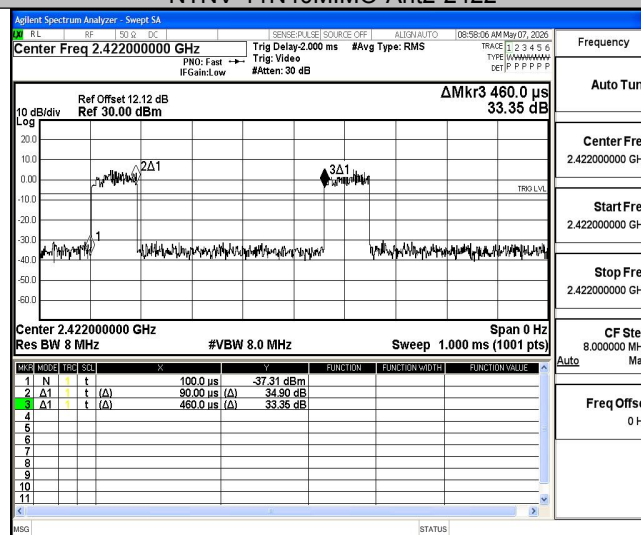
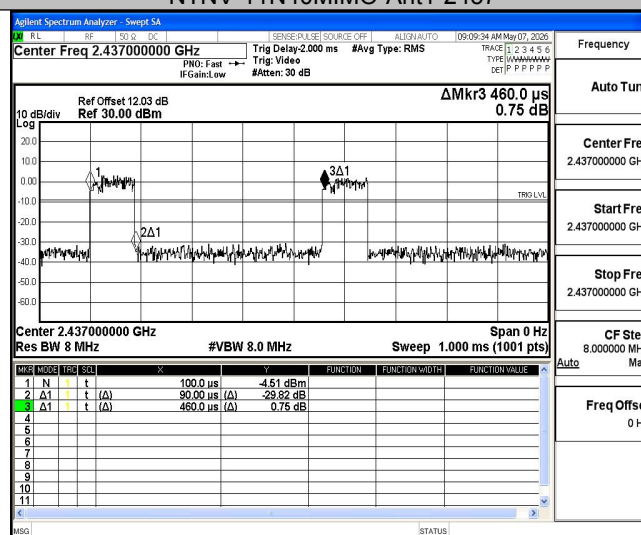




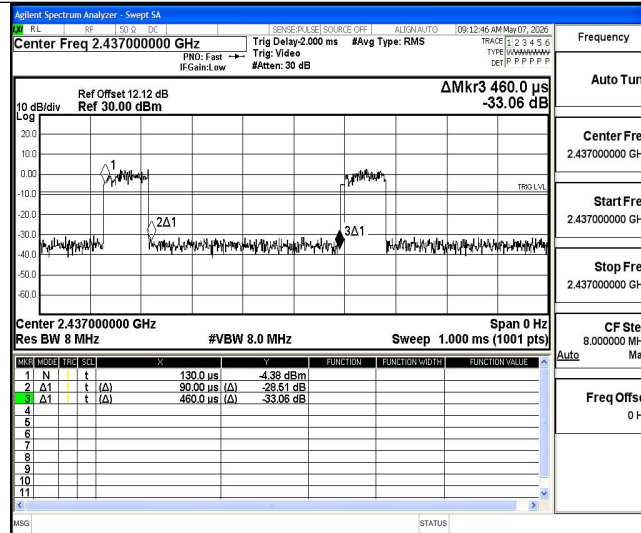
NTNV-11N40MIMO-Ant2-2422



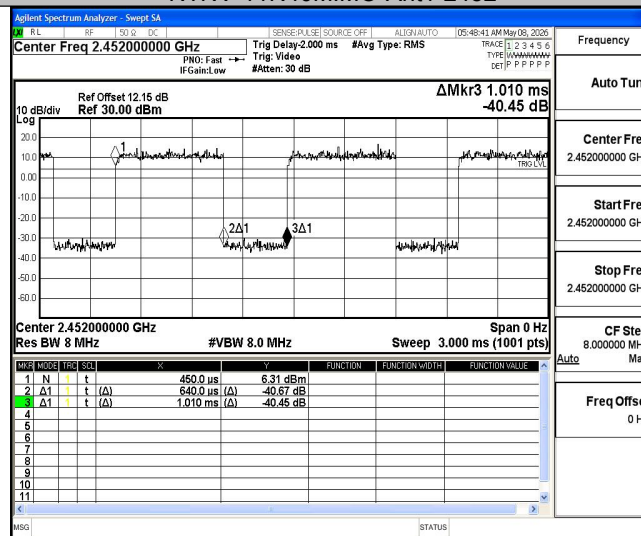
NTNV-11N40MIMO-Ant1-2437



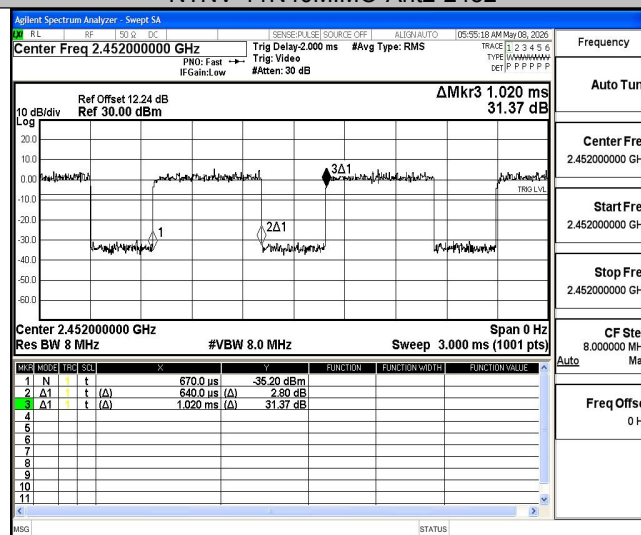
NTNV-11N40MIMO-Ant2-2437



NTNV-11N40MIMO-Ant1-2452



NTNV-11N40MIMO-Ant2-2452





Appendix B: DTS Bandwidth

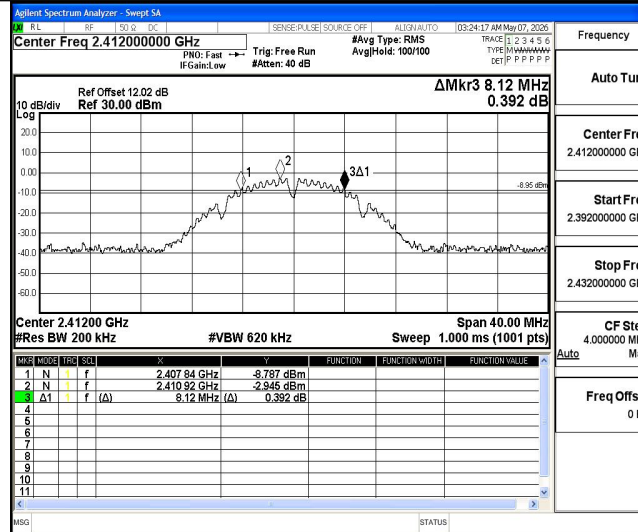
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.120	2407.840	2415.960	0.5	PASS
11B	Ant2	2412	15.560	2404.480	2420.040	0.5	PASS
11B	Ant1	2437	8.080	2432.880	2440.960	0.5	PASS
11B	Ant2	2437	16.320	2428.800	2445.120	0.5	PASS
11B	Ant1	2462	8.120	2457.880	2466.000	0.5	PASS
11B	Ant2	2462	16.400	2453.720	2470.120	0.5	PASS
11G	Ant1	2412	15.760	2404.000	2419.760	0.5	PASS
11G	Ant2	2412	16.080	2403.960	2420.040	0.5	PASS
11G	Ant1	2437	16.200	2428.760	2444.960	0.5	PASS
11G	Ant2	2437	16.360	2428.760	2445.120	0.5	PASS
11G	Ant1	2462	16.280	2453.800	2470.080	0.5	PASS
11G	Ant2	2462	16.400	2453.760	2470.160	0.5	PASS
11N20MIMO	Ant1	2412	17.200	2403.520	2420.720	0.5	PASS
11N20MIMO	Ant2	2412	12.840	2407.840	2420.680	0.5	PASS
11N20MIMO	Ant1	2437	17.440	2428.320	2445.760	0.5	PASS
11N20MIMO	Ant2	2437	17.320	2427.960	2445.280	0.5	PASS
11N20MIMO	Ant1	2462	17.160	2453.520	2470.680	0.5	PASS
11N20MIMO	Ant2	2462	17.560	2453.120	2470.680	0.5	PASS
11N40MIMO	Ant1	2422	36.080	2403.920	2440.000	0.5	PASS
11N40MIMO	Ant2	2422	25.360	2410.960	2436.320	0.5	PASS
11N40MIMO	Ant1	2437	35.440	2419.400	2454.840	0.5	PASS
11N40MIMO	Ant2	2437	30.320	2419.240	2449.560	0.5	PASS
11N40MIMO	Ant1	2452	35.360	2434.240	2469.600	0.5	PASS
11N40MIMO	Ant2	2452	35.920	2433.920	2469.840	0.5	PASS

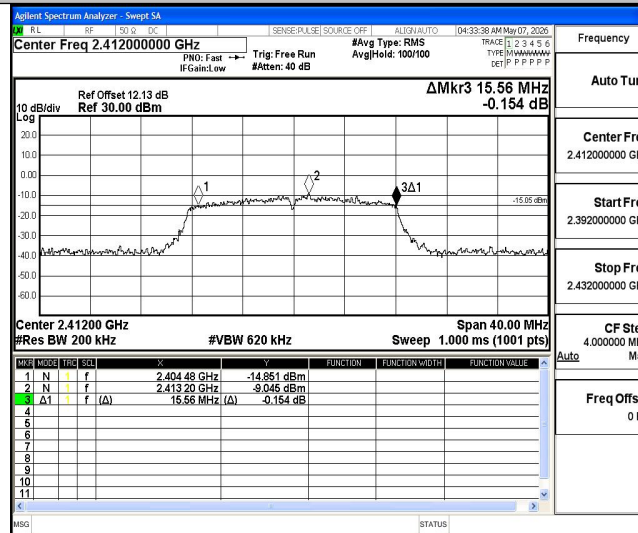


Test Graphs

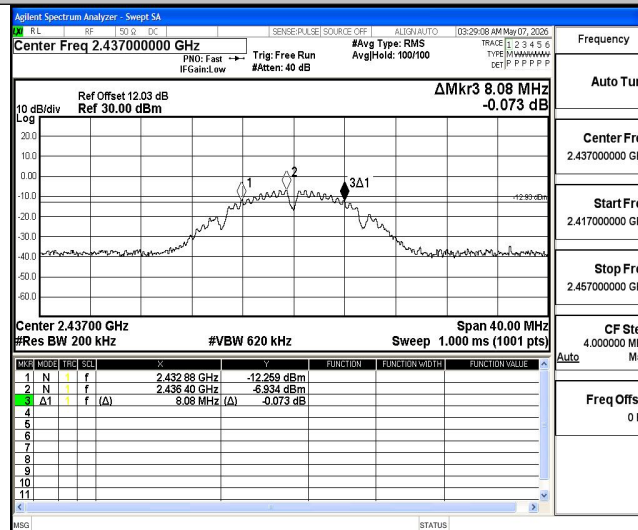
11B-Ant1-2412-PASS



11B-Ant2-2412-PASS



11B-Ant1-2437-PASS



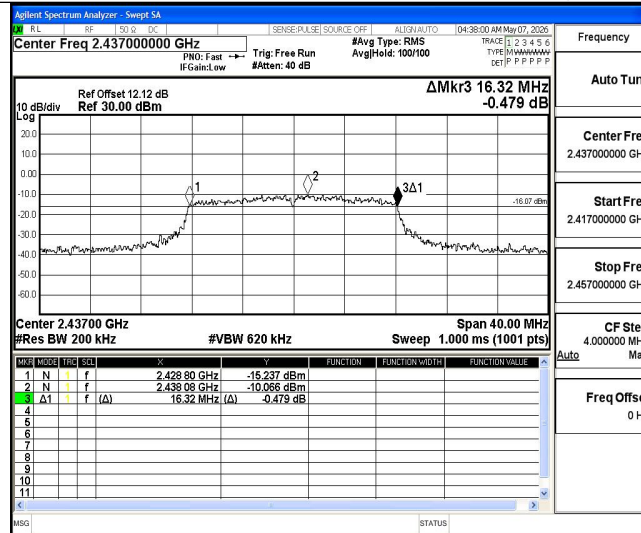
11B-Ant2-2437-PASS

Guangdong DN Testing Co., Ltd.

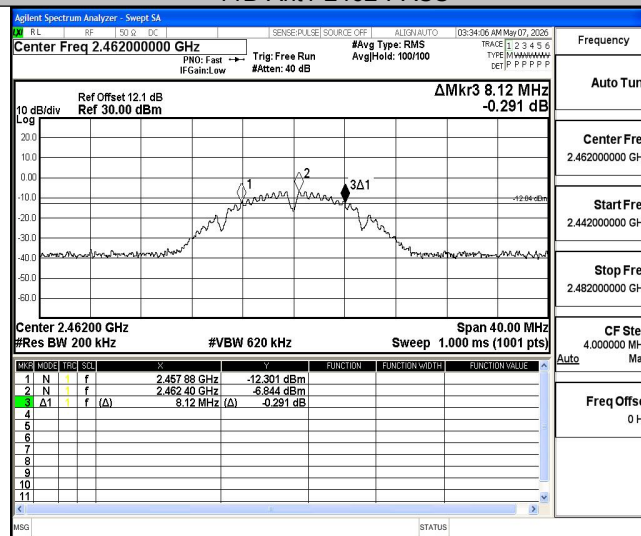
Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang 'an Town, Dongguan City, Guangdong P.R.China

Tel:+86-769-88087383

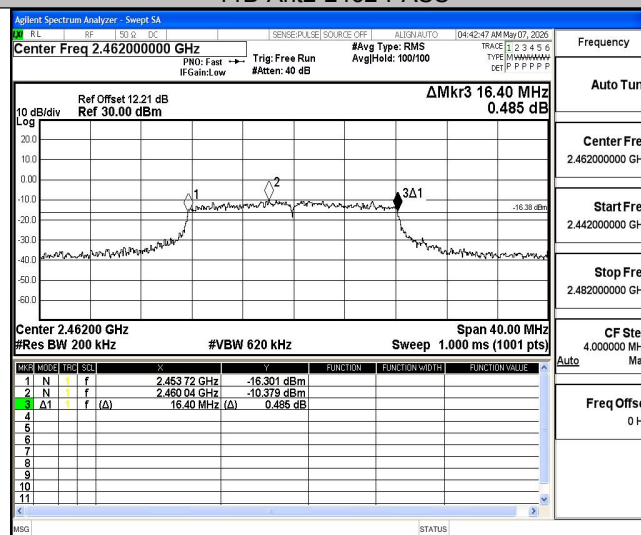
E-mail: service@dn-testing.com



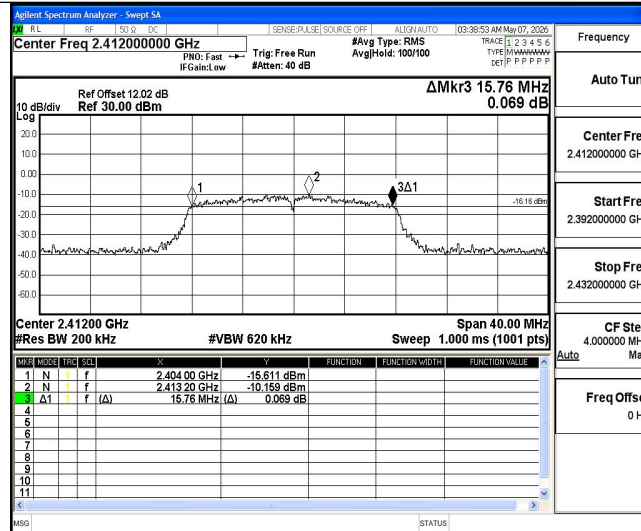
11B-Ant1-2462-PASS



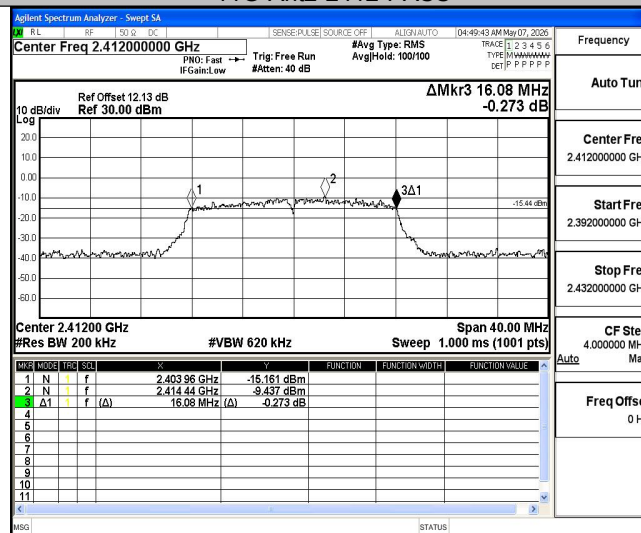
11B-Ant2-2462-PASS



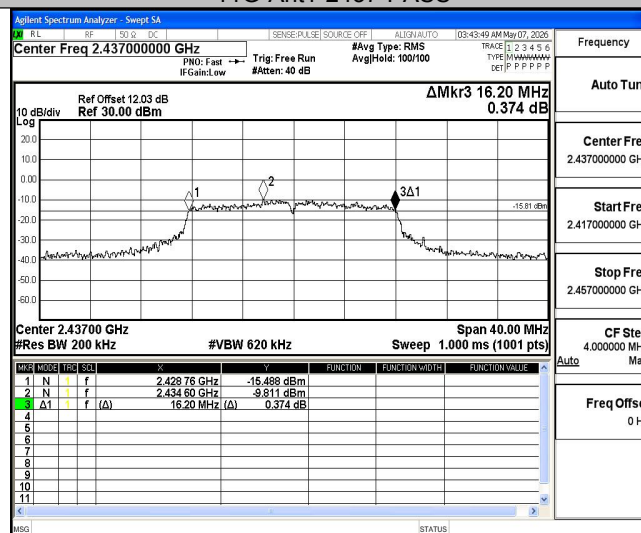
11G-Ant1-2412-PASS



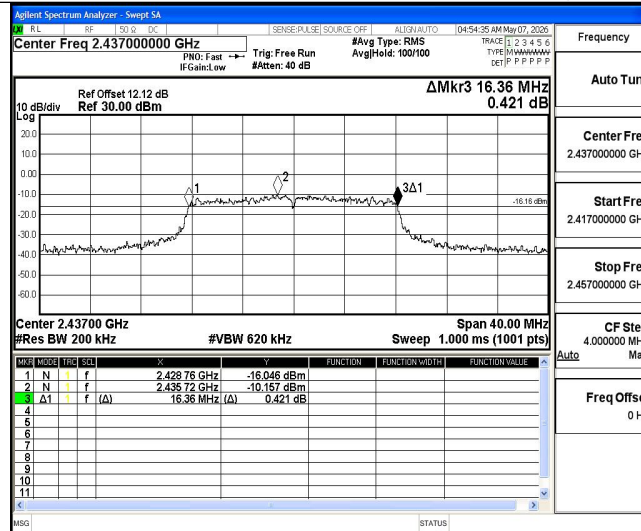
11G-Ant2-2412-PASS



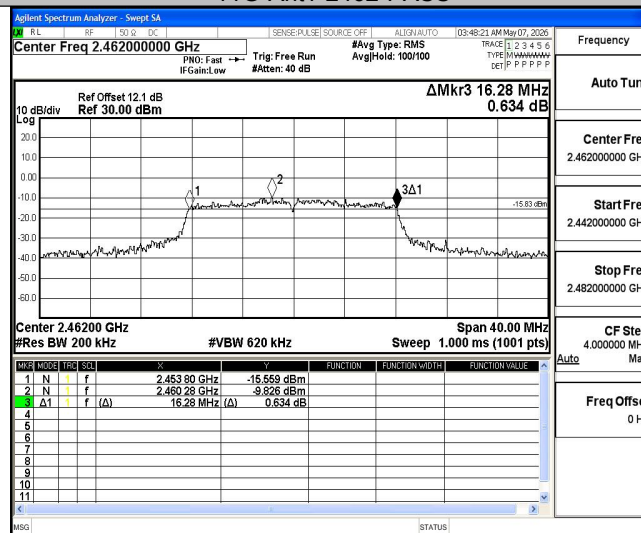
11G-Ant1-2437-PASS



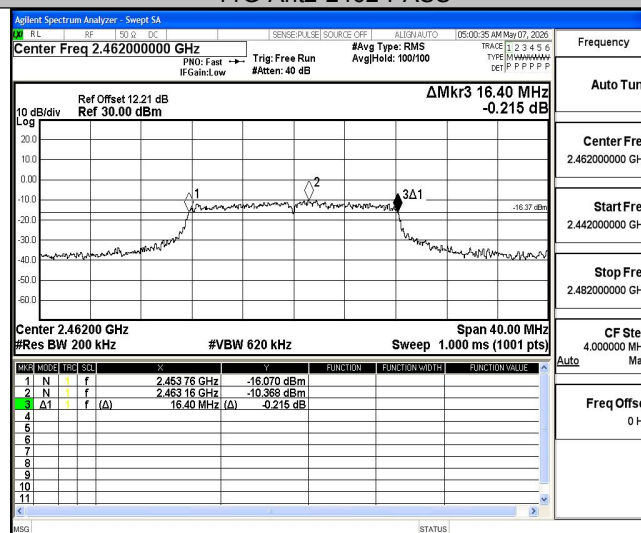
11G-Ant2-2437-PASS



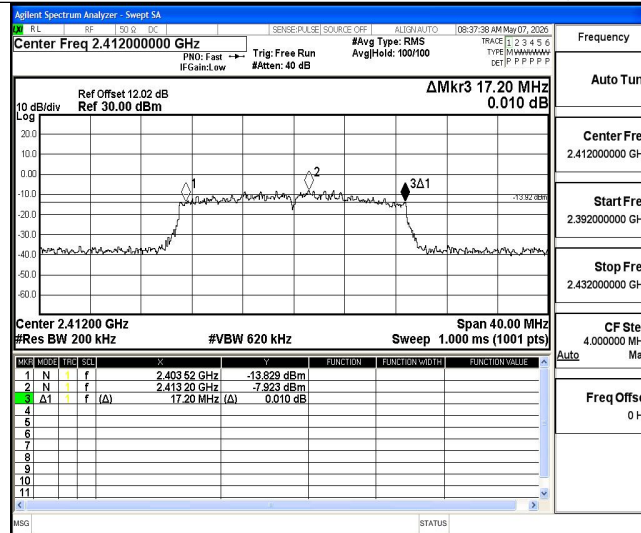
11G-Ant1-2462-PASS



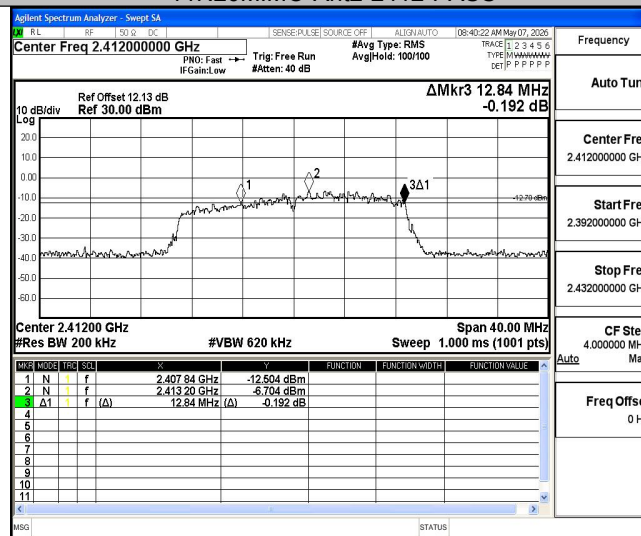
11G-Ant2-2462-PASS



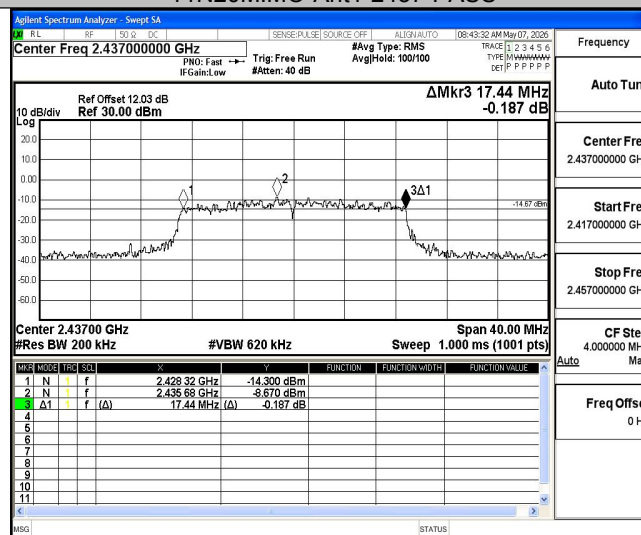
11N20MIMO-Ant1-2412-PASS



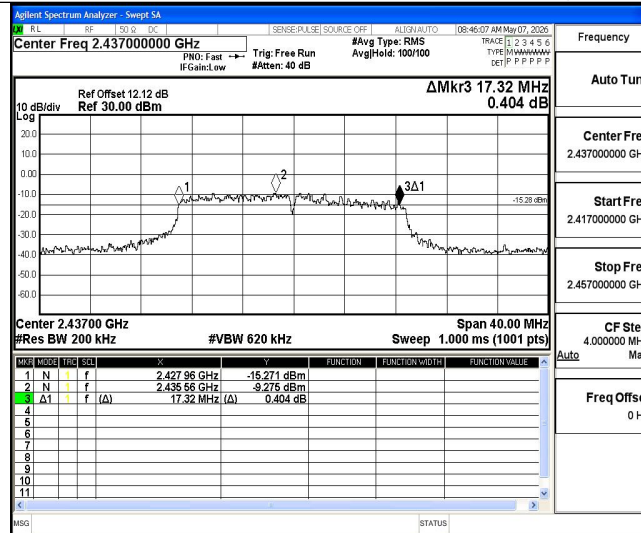
11N20MIMO-Ant2-2412-PASS



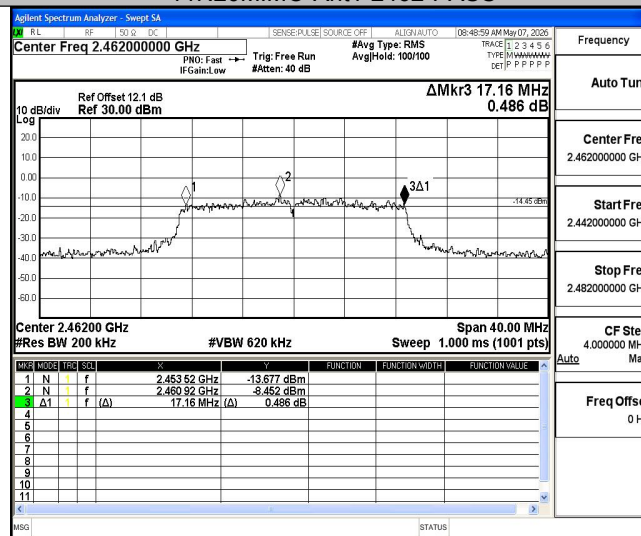
11N20MIMO-Ant1-2437-PASS



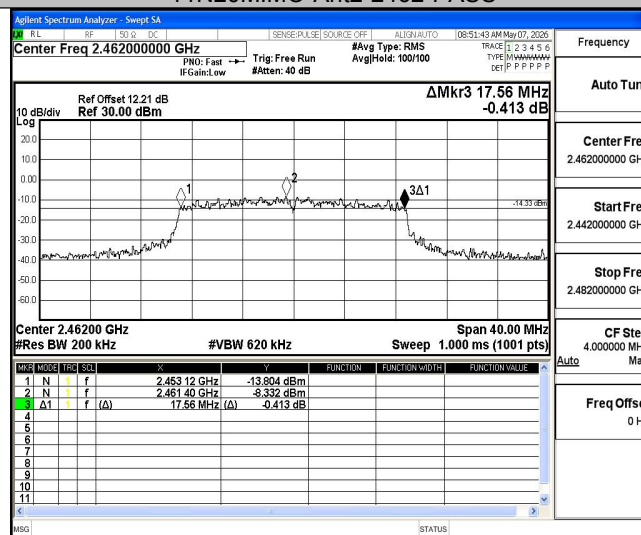
11N20MIMO-Ant2-2437-PASS



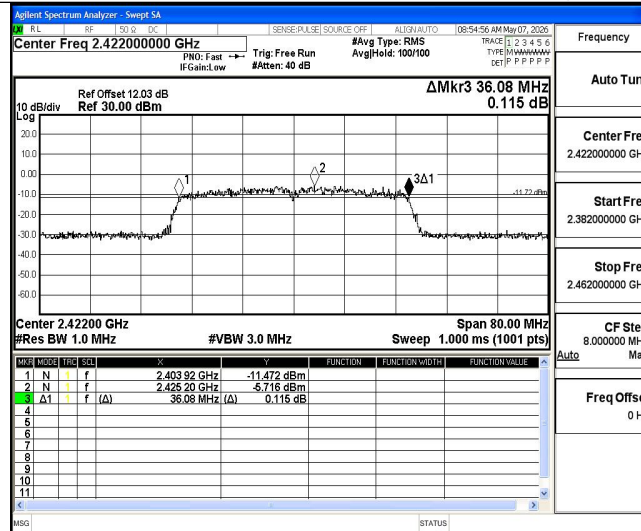
11N20MIMO-Ant1-2462-PASS



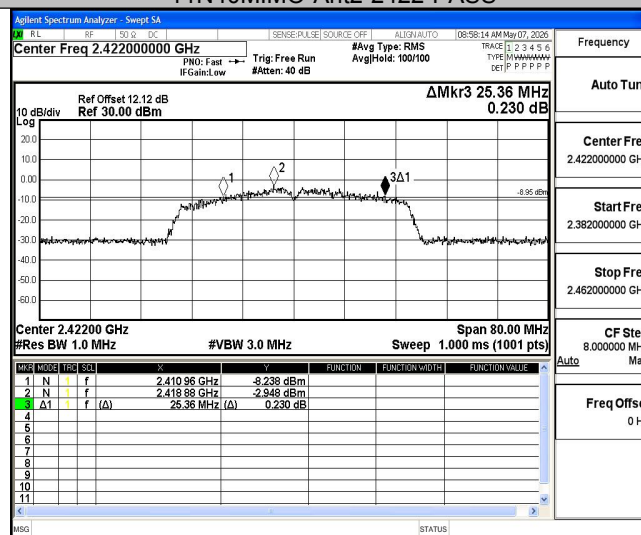
11N20MIMO-Ant2-2462-PASS



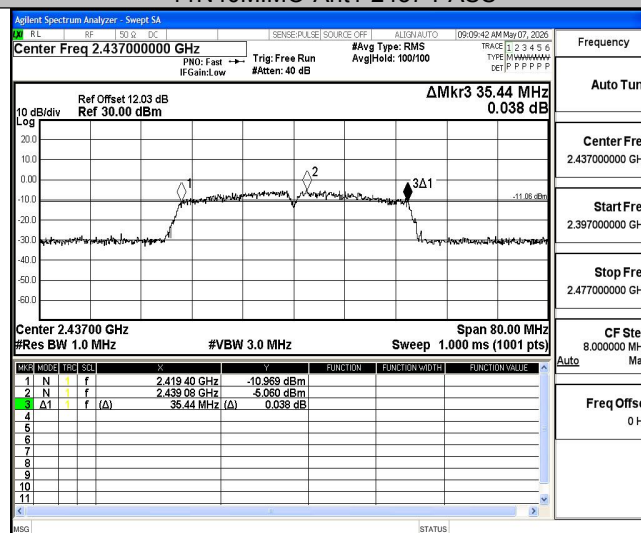
11N40MIMO-Ant1-2422-PASS



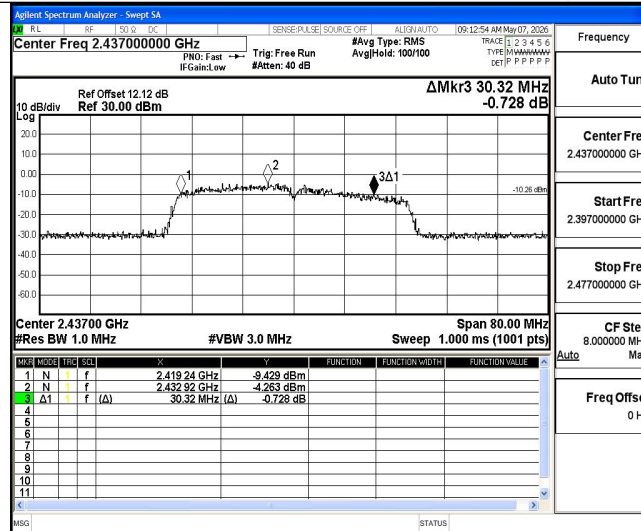
11N40MIMO-Ant2-2422-PASS



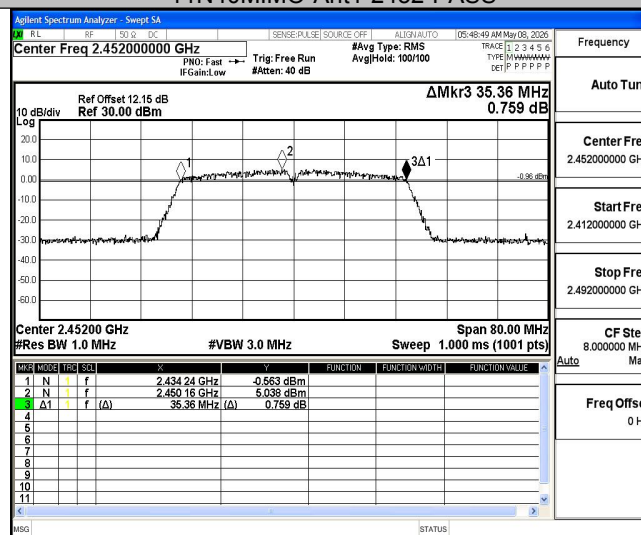
11N40MIMO-Ant1-2437-PASS



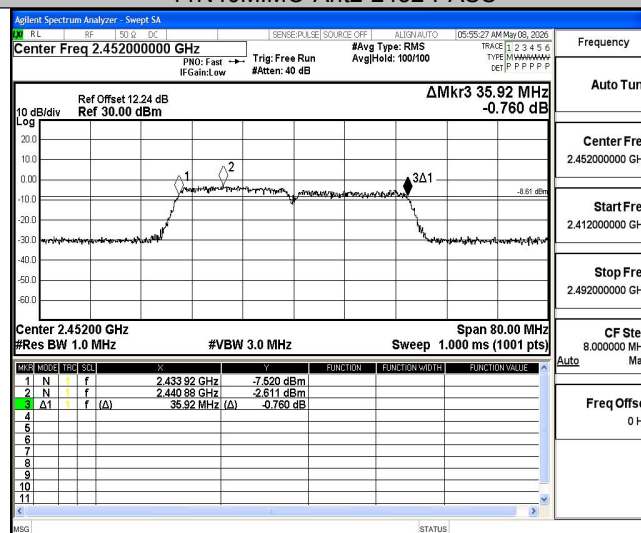
11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



**Appendix C: Maximum conducted (average) output power****Test Result**

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	2.78	95.66	0.19	2.97	≤30.00	PASS
11B	Ant2	2412	-0.59	78.53	1.05	0.46	≤30.00	PASS
11B	Ant1	2437	0.68	95.66	0.19	0.87	≤30.00	PASS
11B	Ant2	2437	-0.64	78.65	1.04	0.4	≤30.00	PASS
11B	Ant1	2462	0.63	95.78	0.19	0.82	≤30.00	PASS
11B	Ant2	2462	-0.8	78.53	1.05	0.25	≤30.00	PASS
11G	Ant1	2412	-0.96	78.53	1.05	0.09	≤30.00	PASS
11G	Ant2	2412	-0.73	78.53	1.05	0.32	≤30.00	PASS
11G	Ant1	2437	-0.79	78.53	1.05	0.26	≤30.00	PASS
11G	Ant2	2437	-0.62	78.53	1.05	0.43	≤30.00	PASS
11G	Ant1	2462	-0.88	78.53	1.05	0.17	≤30.00	PASS
11G	Ant2	2462	-0.63	78.09	1.07	0.44	≤30.00	PASS
11N20MIMO	Ant1	2412	-4.05	28.85	5.4	1.36	≤30.00	PASS
11N20MIMO	Ant2	2412	-3.43	27.78	5.56	2.13	≤30.00	PASS
11N20MIMO	total	2412	---	---	---	4.77	≤30.00	PASS
11N20MIMO	Ant1	2437	-4.47	27.78	5.56	1.09	≤30.00	PASS
11N20MIMO	Ant2	2437	-4.88	29.41	5.32	0.44	≤30.00	PASS
11N20MIMO	total	2437	---	---	---	3.79	≤30.00	PASS
11N20MIMO	Ant1	2462	-5.25	28.85	5.4	0.15	≤30.00	PASS
11N20MIMO	Ant2	2462	-3.87	27.27	5.64	1.77	≤30.00	PASS
11N20MIMO	total	2462	---	---	---	4.05	≤30.00	PASS
11N40MIMO	Ant1	2422	-6.74	17.78	7.5	0.76	≤30.00	PASS
11N40MIMO	Ant2	2422	-5.89	19.57	7.08	1.19	≤30.00	PASS
11N40MIMO	total	2422	---	---	---	3.99	≤30.00	PASS
11N40MIMO	Ant1	2437	-6.49	19.57	7.08	0.59	≤30.00	PASS
11N40MIMO	Ant2	2437	-6.79	19.57	7.08	0.29	≤30.00	PASS
11N40MIMO	total	2437	---	---	---	3.45	≤30.00	PASS
11N40MIMO	Ant1	2452	0.93	63.37	1.98	2.91	≤30.00	PASS
11N40MIMO	Ant2	2452	0.59	62.75	2.02	2.61	≤30.00	PASS
11N40MIMO	total	2452	---	---	---	5.77	≤30.00	PASS



Appendix D: Maximum power spectral density

Test Result

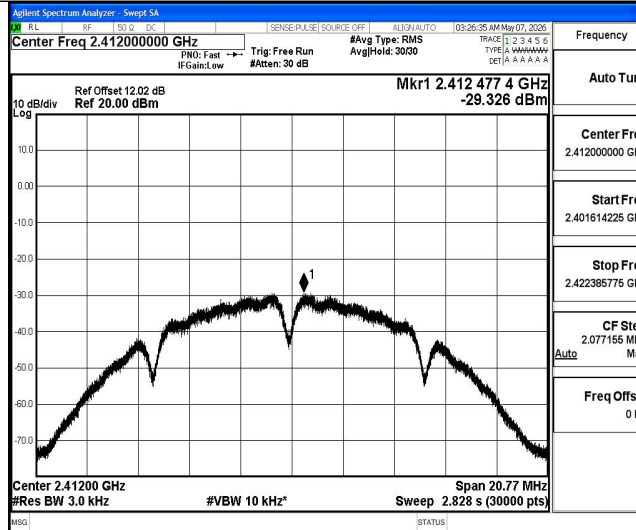
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-29.14	≤8.00	PASS
11B	Ant2	2412	-31.64	≤8.00	PASS
11B	Ant1	2437	-29.30	≤8.00	PASS
11B	Ant2	2437	-31.68	≤8.00	PASS
11B	Ant1	2462	-28.80	≤8.00	PASS
11B	Ant2	2462	-31.71	≤8.00	PASS
11G	Ant1	2412	-32.49	≤8.00	PASS
11G	Ant2	2412	-30.76	≤8.00	PASS
11G	Ant1	2437	-31.87	≤8.00	PASS
11G	Ant2	2437	-31.59	≤8.00	PASS
11G	Ant1	2462	-32.43	≤8.00	PASS
11G	Ant2	2462	-31.02	≤8.00	PASS
11N20MIMO	Ant1	2412	-26.16	≤8.00	PASS
11N20MIMO	Ant2	2412	-25.53	≤8.00	PASS
11N20MIMO	total	2412	-22.82	≤8.00	PASS
11N20MIMO	Ant1	2437	-26.88	≤8.00	PASS
11N20MIMO	Ant2	2437	-26.54	≤8.00	PASS
11N20MIMO	total	2437	-23.70	≤8.00	PASS
11N20MIMO	Ant1	2462	-27.93	≤8.00	PASS
11N20MIMO	Ant2	2462	-25.76	≤8.00	PASS
11N20MIMO	total	2462	-23.70	≤8.00	PASS
11N40MIMO	Ant1	2422	-30.01	≤8.00	PASS
11N40MIMO	Ant2	2422	-28.42	≤8.00	PASS
11N40MIMO	total	2422	-26.13	≤8.00	PASS
11N40MIMO	Ant1	2437	-29.47	≤8.00	PASS
11N40MIMO	Ant2	2437	-28.69	≤8.00	PASS
11N40MIMO	total	2437	-26.05	≤8.00	PASS
11N40MIMO	Ant1	2452	-30.93	≤8.00	PASS
11N40MIMO	Ant2	2452	-30.93	≤8.00	PASS
11N40MIMO	total	2452	-27.92	≤8.00	PASS

Note: The duty factor is already compensated in the result.

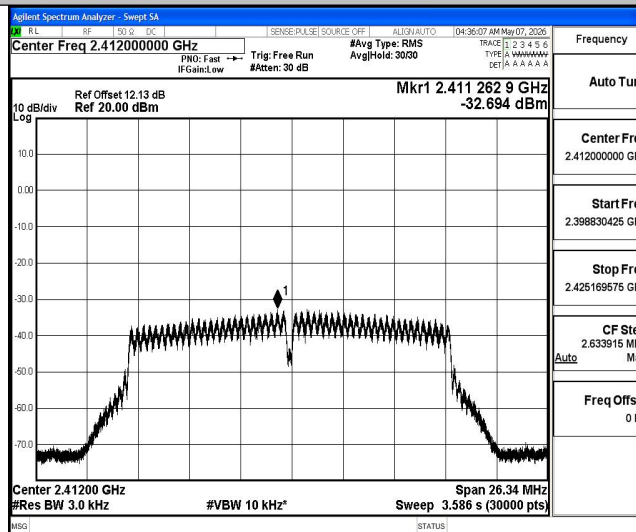


Test Graphs

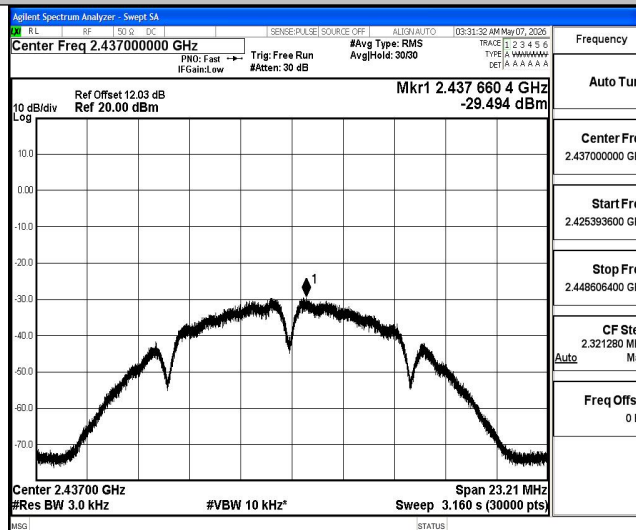
11B-Ant1-2412-PASS



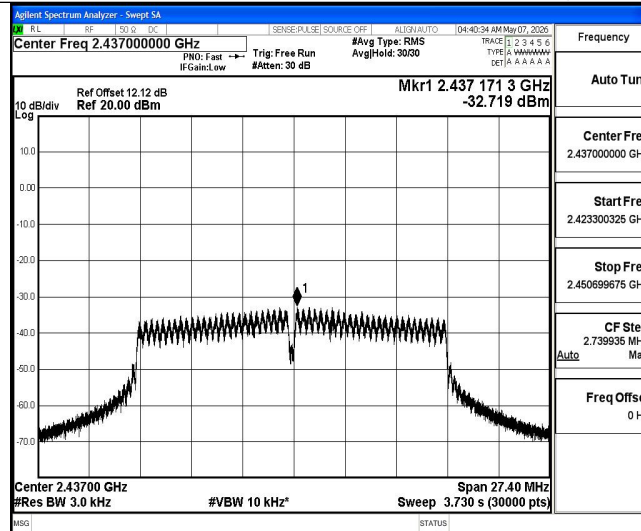
11B-Ant2-2412-PASS



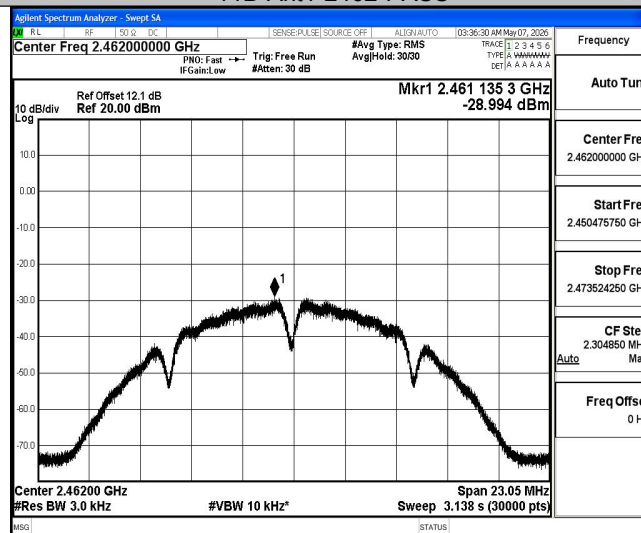
11B-Ant1-2437-PASS



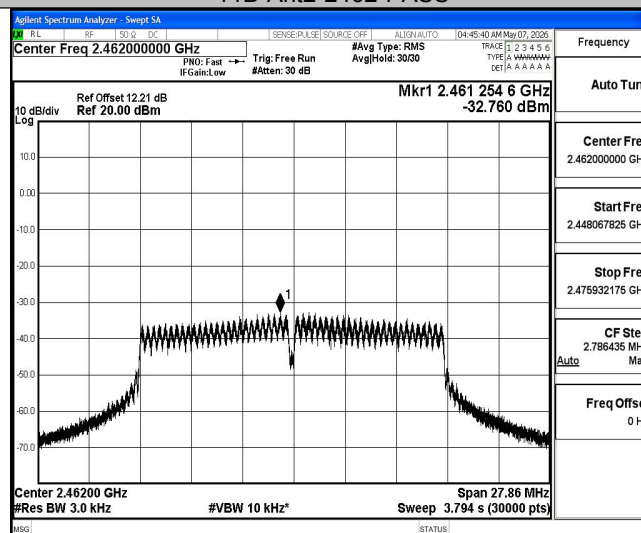
11B-Ant2-2437-PASS



11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



11G-Ant1-2412-PASS