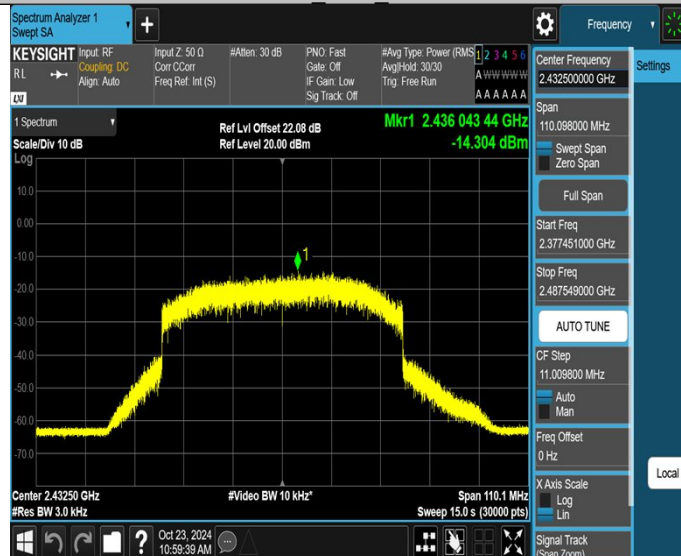


60MHz Ant3 2432.5



60MHz Ant3 2437.5



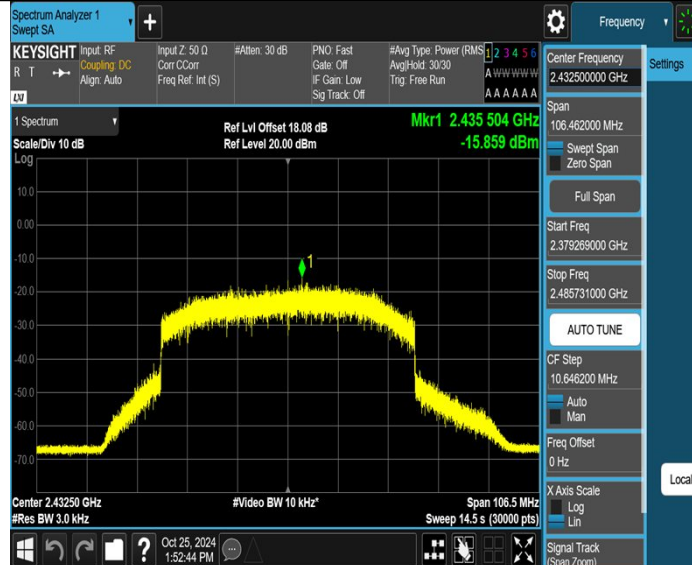
60MHz Ant3 2442.5



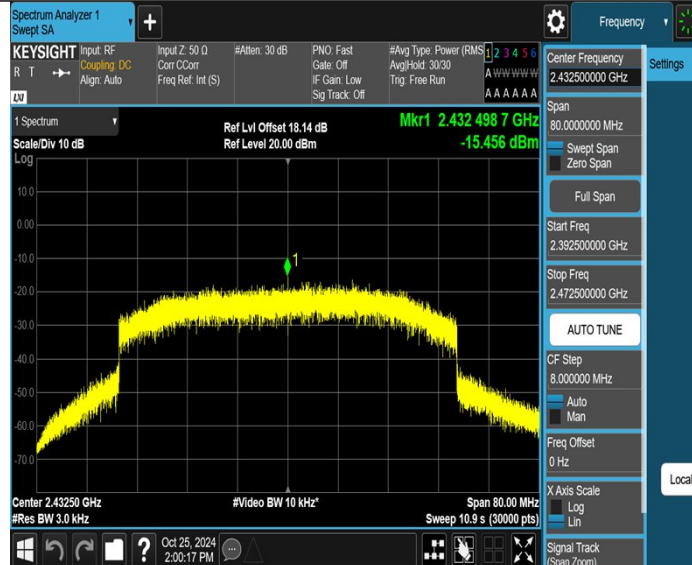
MIMO mode (Worst case_ANT0+ANT2)

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
60MHz	Ant0	2432.5	-15.86	≤8.00	PASS
	Ant2	2432.5	-15.46	≤8.00	PASS
	total	2432.5	-12.65	≤8.00	PASS
	Ant0	2437.5	-15.44	≤8.00	PASS
	Ant2	2437.5	-14.10	≤8.00	PASS
	total	2437.5	-11.71	≤8.00	PASS
	Ant0	2442.5	-10.84	≤8.00	PASS
	Ant2	2442.5	-8.22	≤8.00	PASS
	total	2442.5	-6.33	≤8.00	PASS

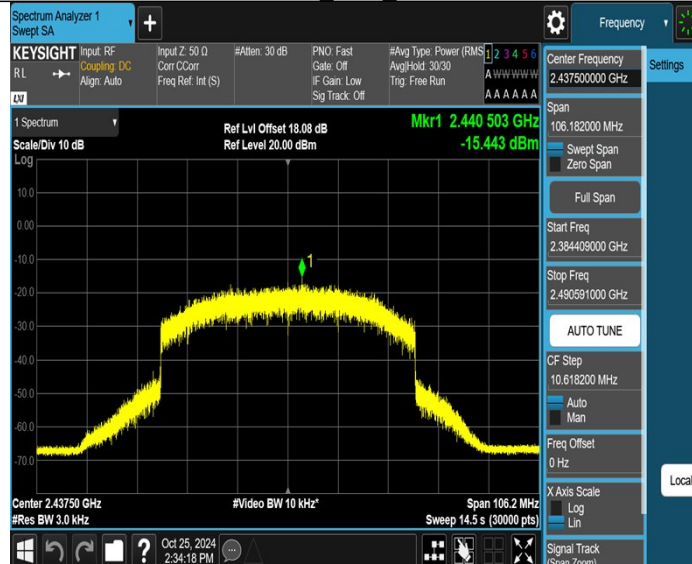
60MHz Ant0 2432.5



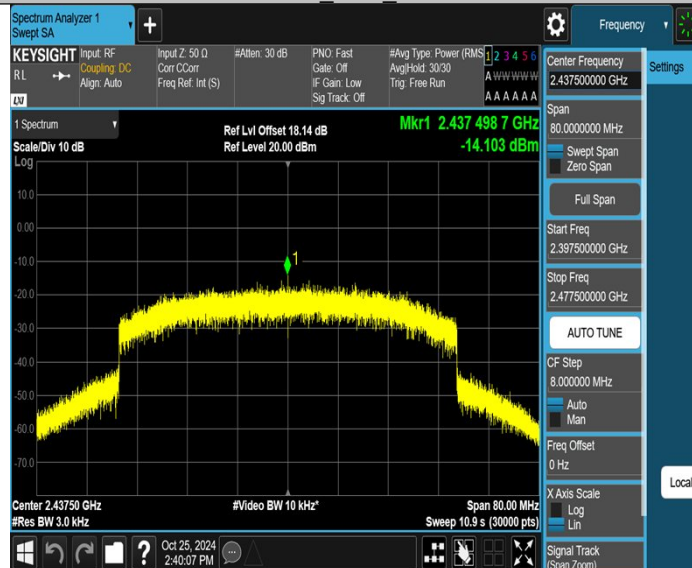
60MHz Ant2 2432.5



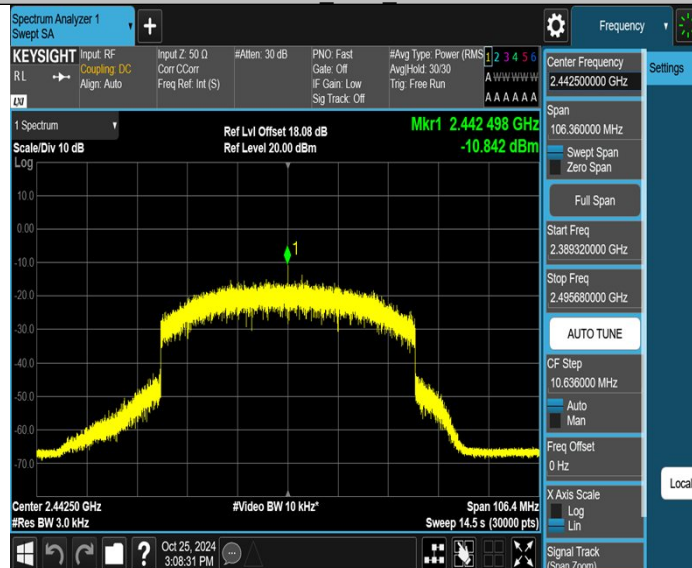
60MHz Ant0 2437.5



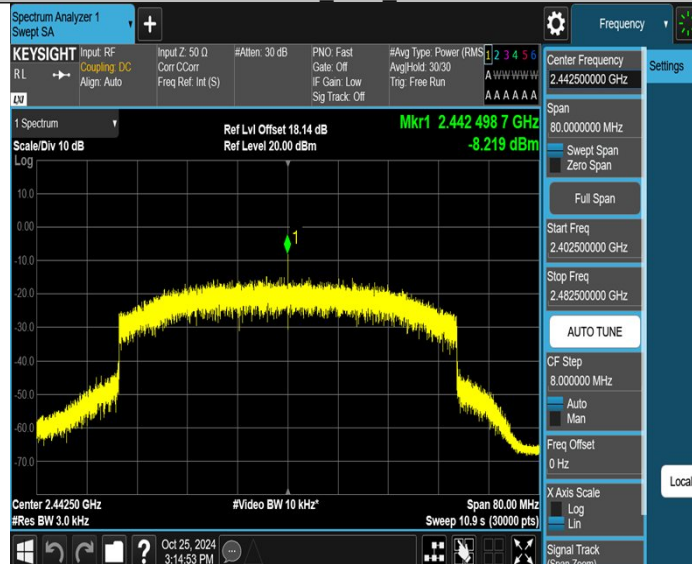
60MHz Ant2 2437.5



60MHz Ant0 2442.5



60MHz Ant2 2442.5



Appendix B.2: Test Results of 6dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+2) was presented in this report.

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MHz	Ant0	2403.5	1.103	2402.951	2404.054	0.5	PASS
		2435.5	1.100	2434.951	2436.052	0.5	PASS
		2469.12	1.109	2468.566	2469.674	0.5	PASS

1.4MHz Ant0 2403.5



1.4MHz Ant0 2435.5



1.4MHz Ant0 2469.12



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MHz	Ant0	2405.5	2.184	2404.420	2406.604	0.5	PASS
		2435.5	2.196	2434.420	2436.616	0.5	PASS
		2468.2	2.178	2467.114	2469.292	0.5	PASS

3MHz Ant0 2405.5



3MHz Ant0 2435.5



3MHz Ant0 2468.2



2.4GHz SDR, 5MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5MHz	Ant0	2404.5	4.380	2402.340	2406.720	0.5	PASS
		2434.5	4.350	2432.350	2436.700	0.5	PASS
		2469.5	4.330	2467.340	2471.670	0.5	PASS

5MHz Ant0 2404.5



5MHz Ant0 2434.5



5MHz Ant0 2469.5



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10MHz	Ant0	2407.5	9.000	2403.000	2412.000	0.5	PASS
		2437.5	9.020	2433.000	2442.020	0.5	PASS
		2467.5	9.000	2463.000	2472.000	0.5	PASS

10MHz Ant0 2407.5



10MHz Ant0 2437.5



10MHz Ant0 2467.5



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20MHz	Ant0	2412.5	17.760	2403.620	2421.380	0.5	PASS
		2437.5	17.560	2428.860	2446.420	0.5	PASS
		2462.5	17.800	2453.580	2471.380	0.5	PASS

20MHz Ant0 2412.5



20MHz Ant0 2437.5



20MHz Ant0 2462.5



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40MHz	Ant0	2422.5	35.920	2404.580	2440.500	0.5	PASS
		2437.5	35.840	2419.580	2455.420	0.5	PASS
		2452.5	35.760	2434.580	2470.340	0.5	PASS

40MHz Ant0 2422.5



40MHz Ant0 2437.5



40MHz Ant0 2452.5



2.4GHz SDR, 60MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60MHz	Ant0	2432.5	53.040	2405.780	2458.820	0.5	PASS
		2437.5	52.880	2410.780	2463.660	0.5	PASS
		2442.5	52.800	2415.700	2468.500	0.5	PASS

60MHz Ant0 2432.5



60MHz Ant0 2437.5



60MHz Ant0 2442.5



Appendix B.3: Test Results of 99% Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+2) was presented in this report.

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MHz	Ant0	2403.5	1.3874	2402.8116	2404.1990	---	PASS
		2435.5	1.3671	2434.8090	2436.1761	---	PASS
		2469.12	1.3126	2468.4548	2469.7674	---	PASS

1.4MHz Ant0 2403.5



1.4MHz Ant0 2435.5



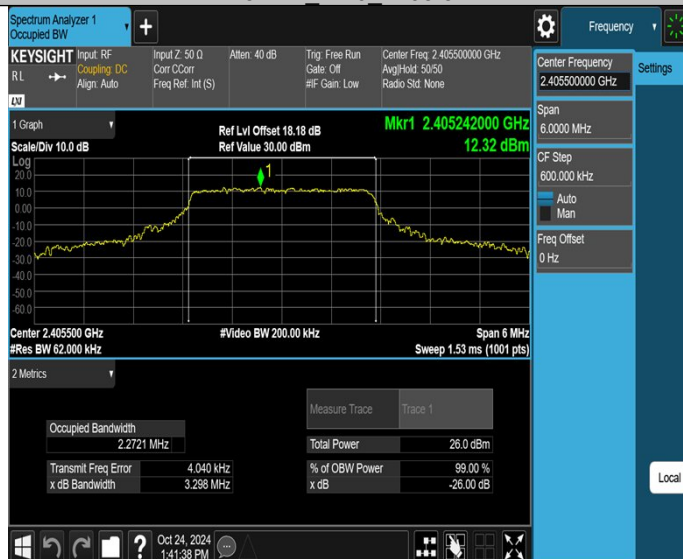
1.4MHz Ant0 2469.12



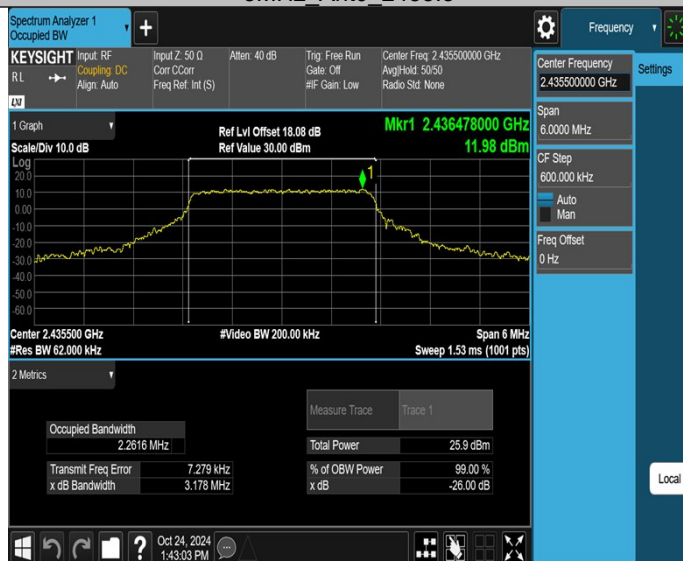
2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MHz	Ant0	2405.5	2.2721	2404.3680	2406.6401	---	PASS
		2435.5	2.2616	2434.3765	2436.6381	---	PASS
		2468.2	2.2452	2467.0820	2469.3272	---	PASS

3MHz_Ant0_2405.5



3MHz_Ant0_2435.5

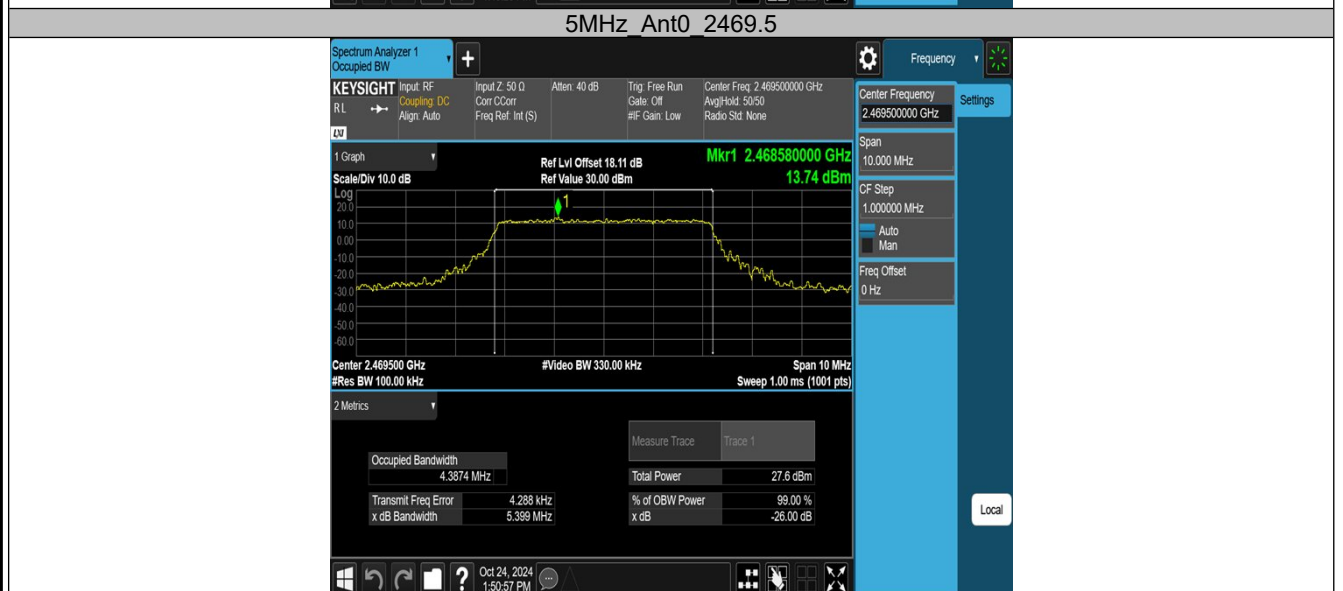
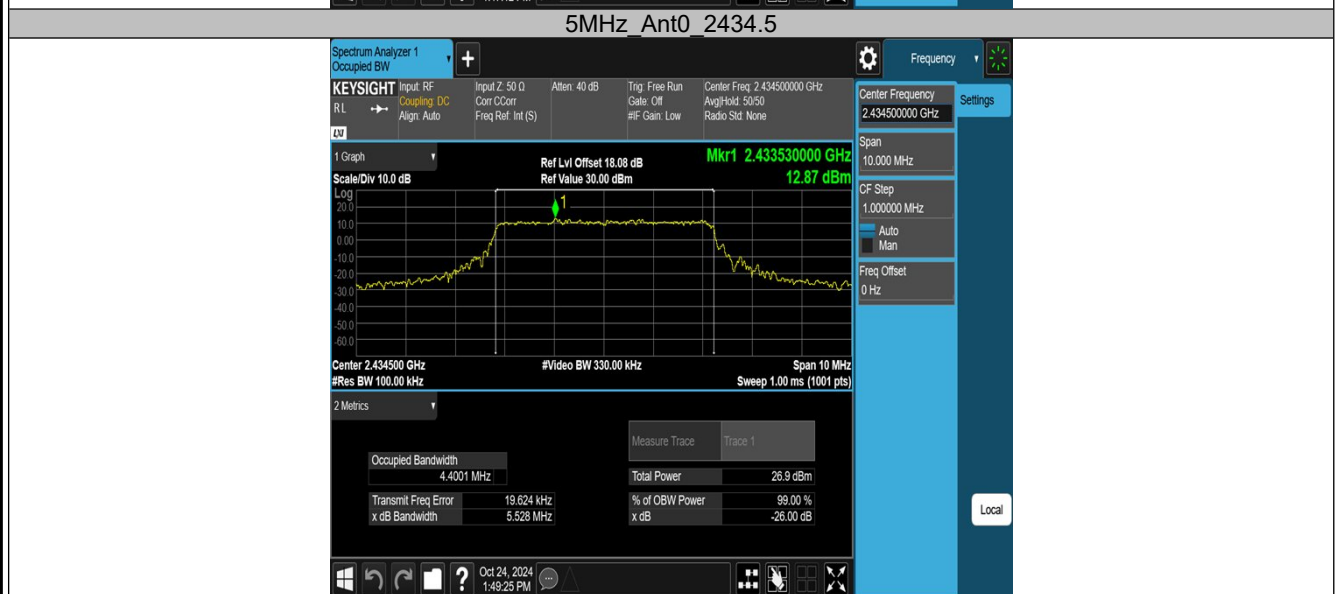
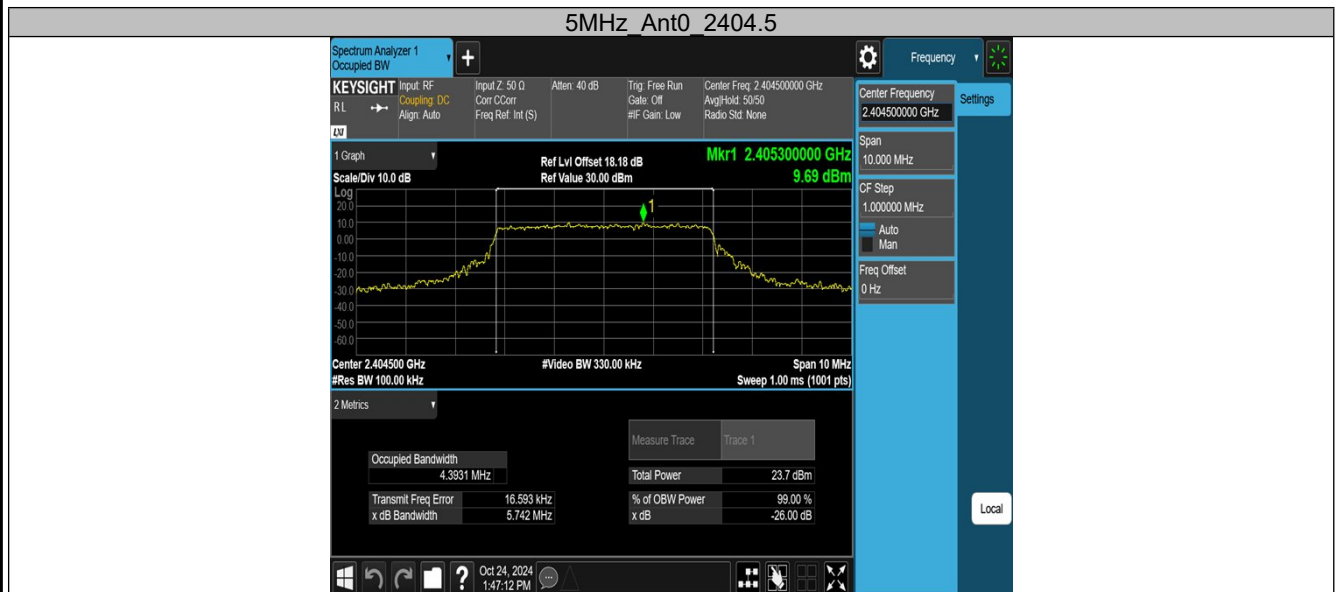


3MHz_Ant0_2468.2



2.4GHz SDR, 5MHz BW

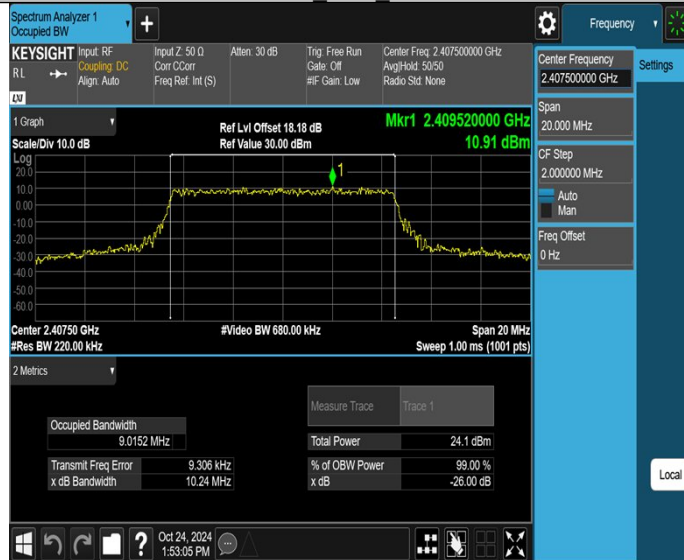
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5MHz	Ant0	2404.5	4.3931	2402.3200	2406.7131	---	PASS
		2434.5	4.4001	2432.3196	2436.7197	---	PASS
		2469.5	4.3874	2467.3106	2471.6980	---	PASS



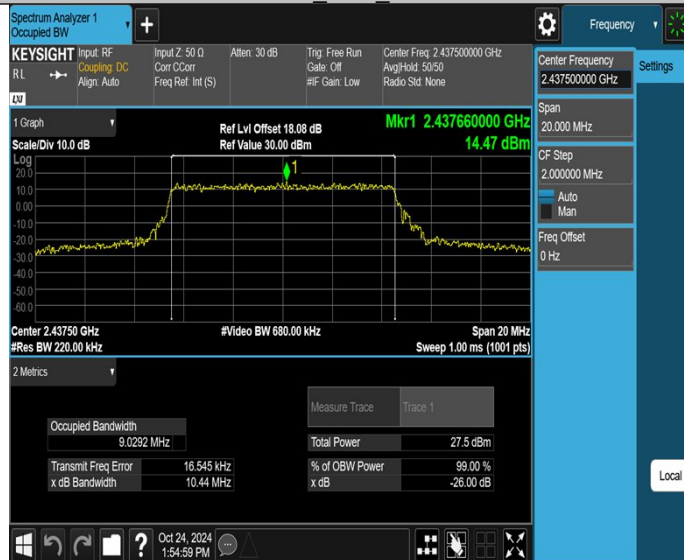
2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10MHz	Ant0	2407.5	9.0152	2403.0017	2412.0169	---	PASS
		2437.5	9.0292	2433.0020	2442.0312	---	PASS
		2467.5	9.0406	2462.9835	2472.0241	---	PASS

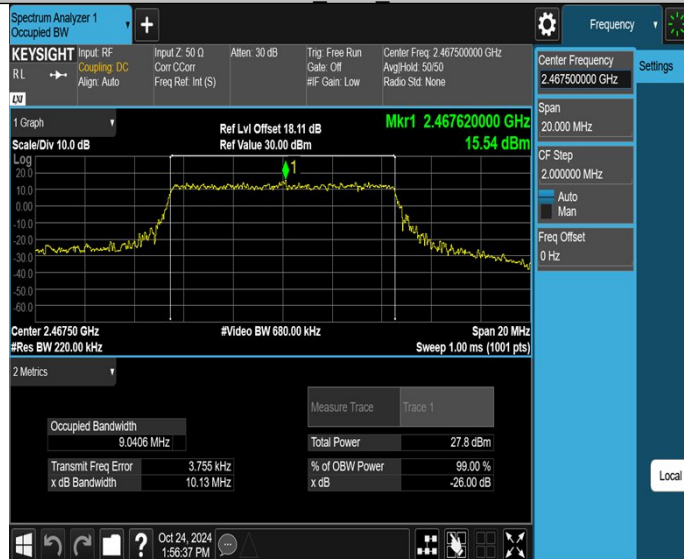
10MHz Ant0 2407.5



10MHz Ant0 2437.5



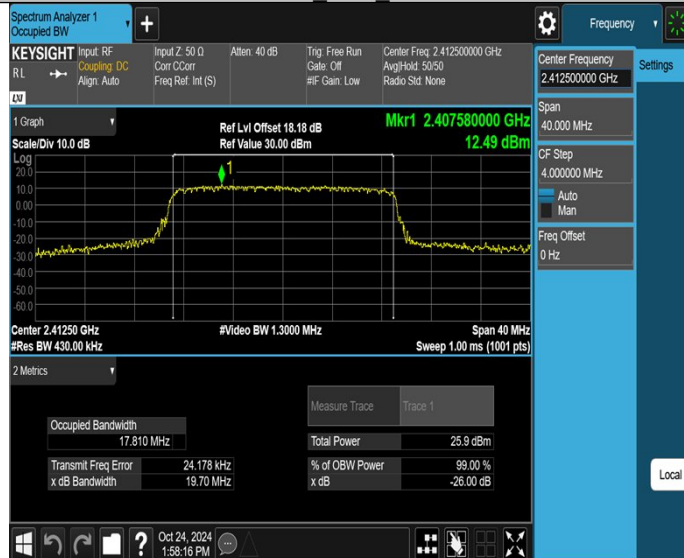
10MHz Ant0 2467.5



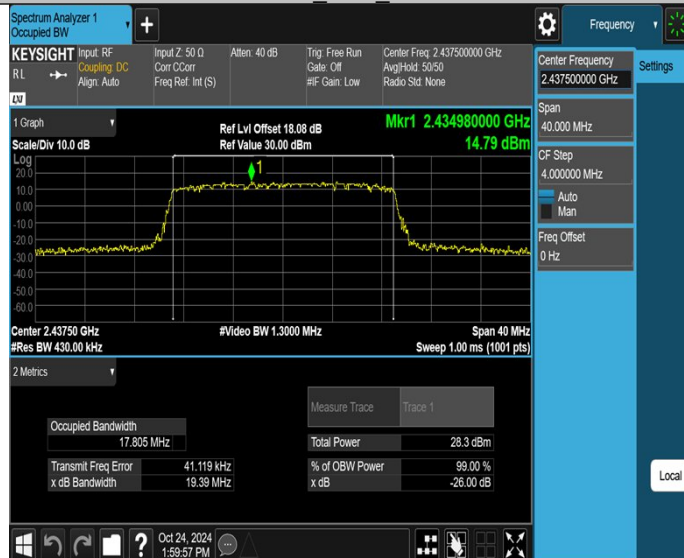
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20MHz	Ant0	2412.5	17.810	2403.6192	2421.4292	---	PASS
		2437.5	17.805	2428.6386	2446.4436	---	PASS
		2462.5	17.857	2453.5715	2471.4285	---	PASS

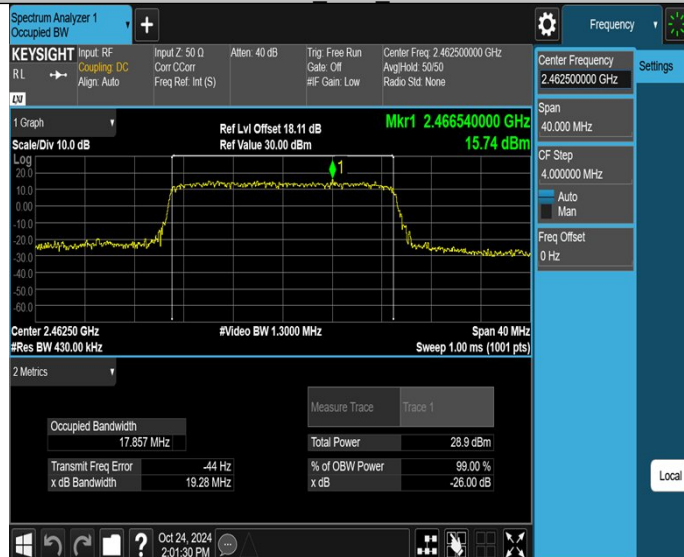
20MHz Ant0 2412.5



20MHz Ant0 2437.5



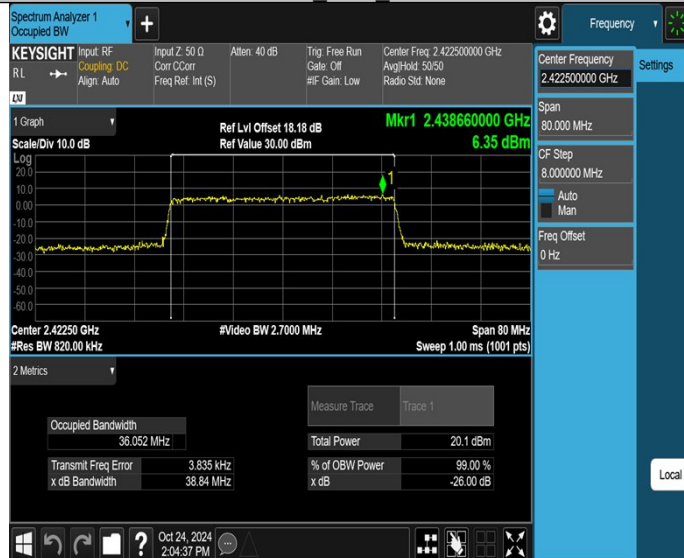
20MHz Ant0 2462.5



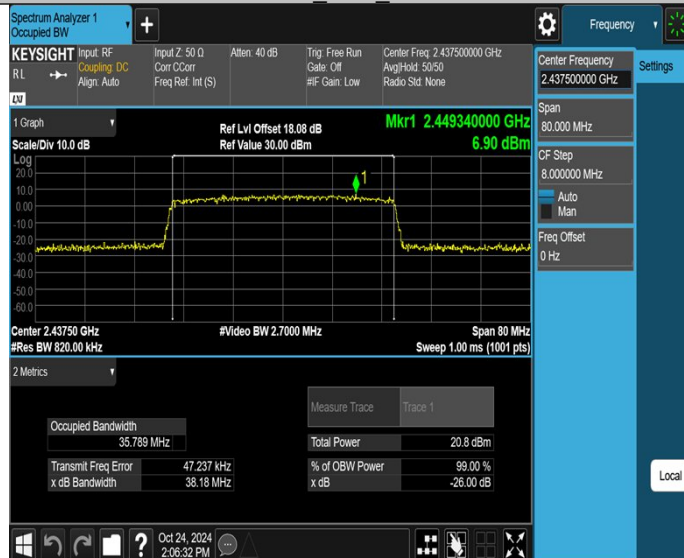
2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40MHz	Ant0	2422.5	36.052	2404.4778	2440.5298	---	PASS
		2437.5	35.789	2419.6527	2455.4417	---	PASS
		2452.5	35.819	2434.5593	2470.3783	---	PASS

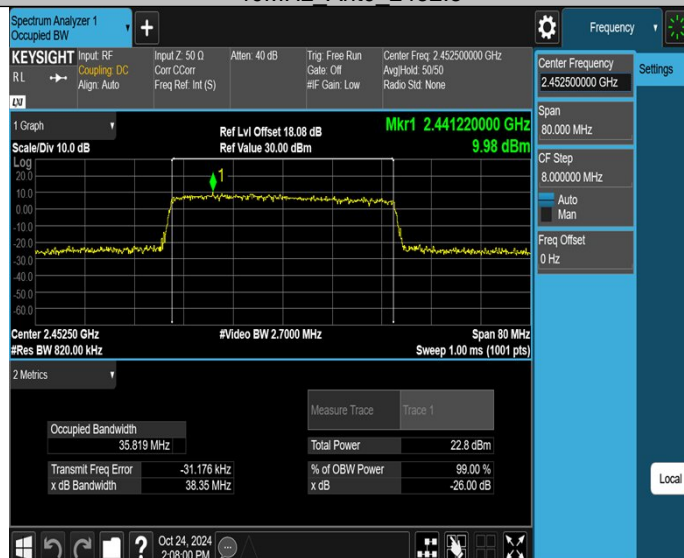
40MHz Ant0 2422.5



40MHz Ant0 2437.5



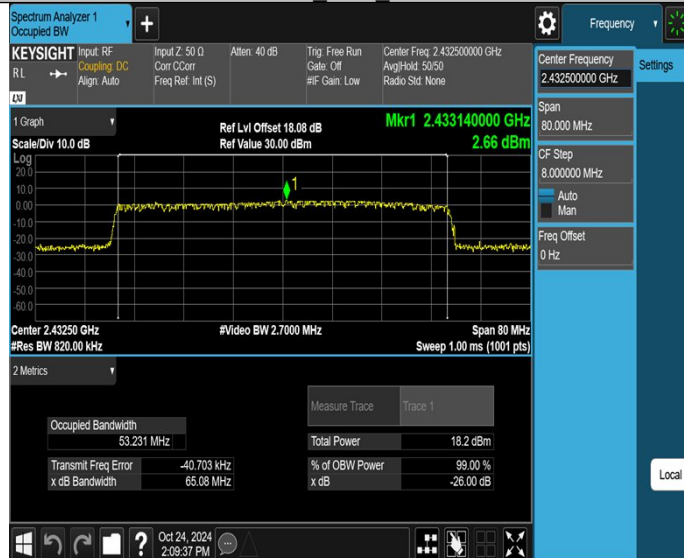
40MHz Ant0 2452.5



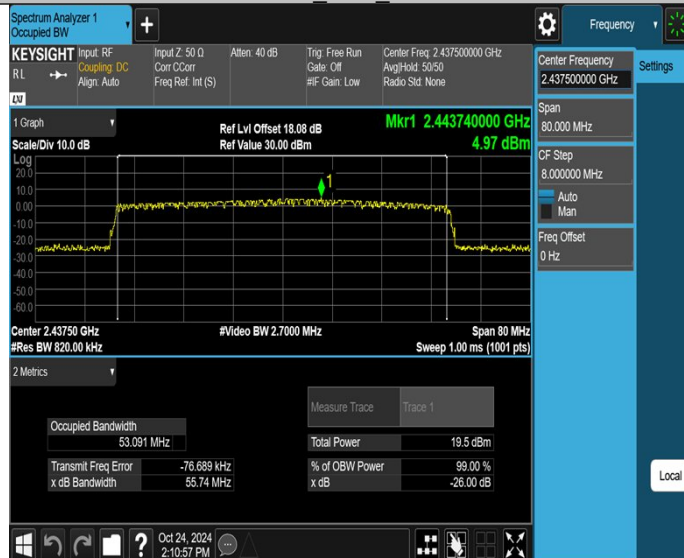
2.4GHz SDR, 60MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60MHz	Ant0	2432.5	53.231	2405.8438	2459.0748	---	PASS
		2437.5	53.091	2410.8778	2463.9688	---	PASS
		2442.5	53.180	2415.8915	2469.0715	---	PASS

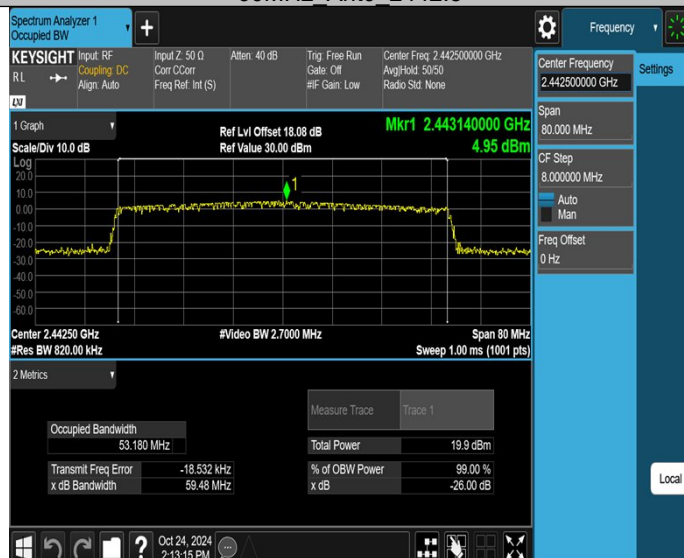
60MHz Ant0 2432.5



60MHz Ant0 2437.5



60MHz Ant0 2442.5



Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+2) was presented in this report.

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2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4MHz	Ant0	Low	2403.5	20.58	-36.60	≤-9.42	PASS
		High	2469.12	21.35	-42.54	≤-8.65	PASS



2.4GHz SDR, 3MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3MHz	Ant0	Low	2405.5	19.54	-35.59	≤-10.46	PASS
		High	2468.2	19.90	-43.52	≤-10.10	PASS

