

Fig.19 Radiated Restricted Band (802.11ax-HE40, CH3, 2.38GHz~2.45GHz, MIMO)

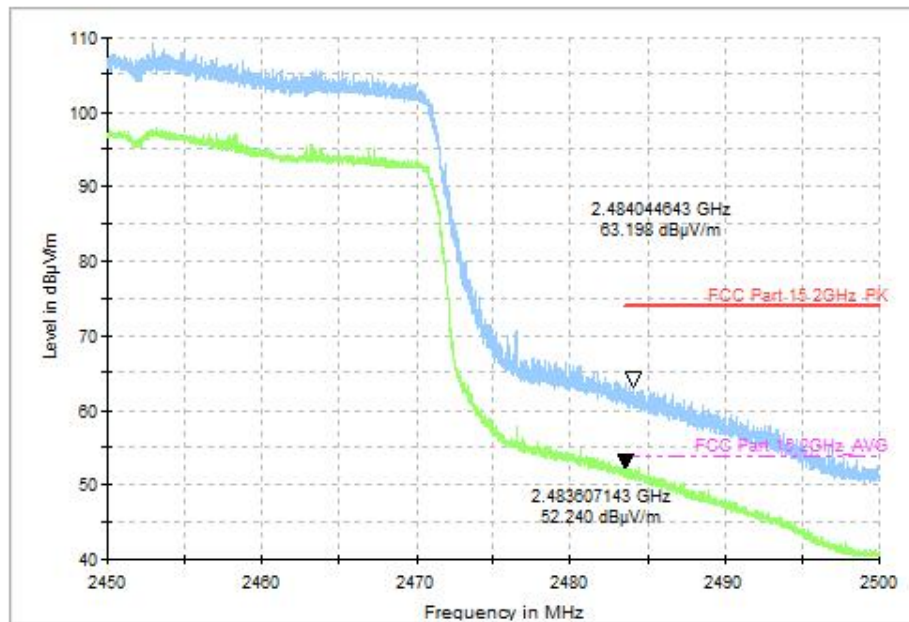


Fig.20 Radiated Restricted Band (802.11ax-HE40, CH9, 2.45GHz~2.50GHz, MIMO)

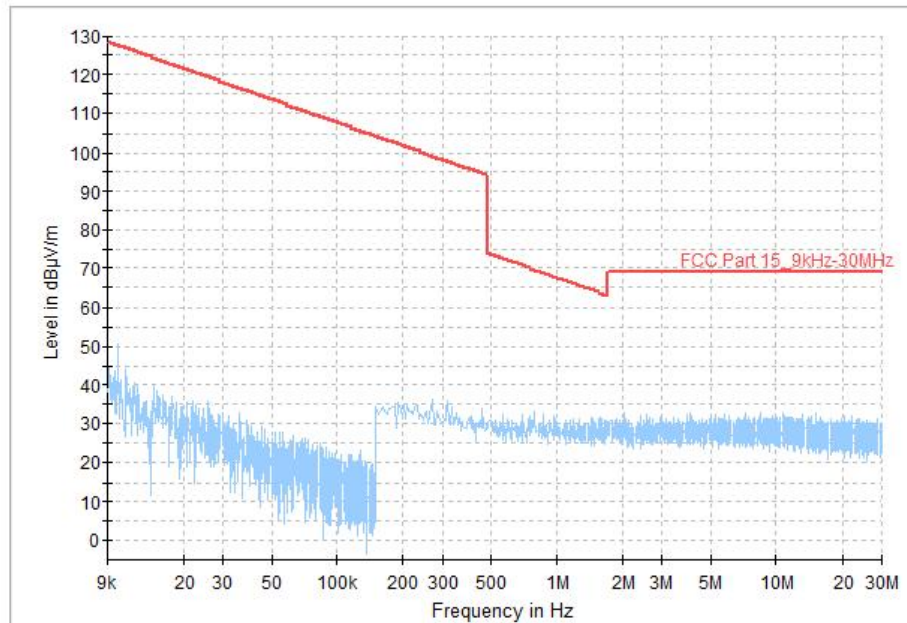


Fig.21 Radiated Spurious Emission (All Channels, 9kHz-30MHz, MIMO)

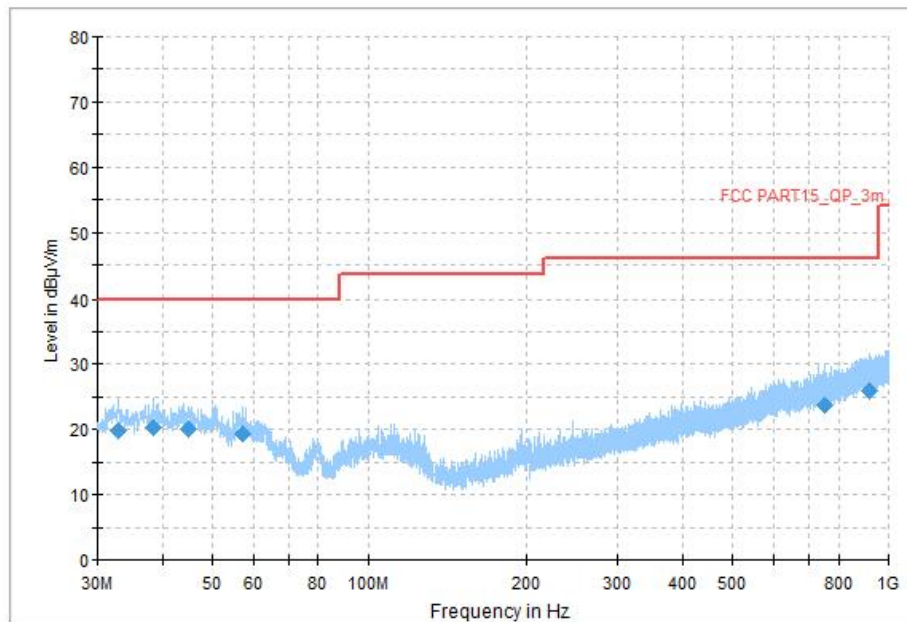


Fig.22 Radiated Spurious Emission (All Channels, 30MHz-1GHz, MIMO)

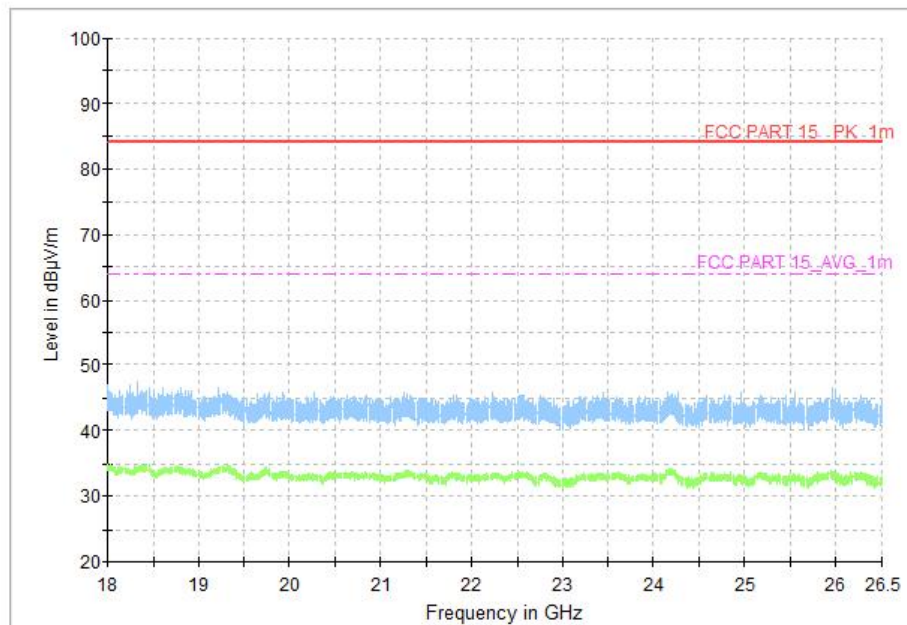


Fig.23 Radiated Spurious Emission (All Channels, 18GHz-26.5GHz, MIMO)

A.7 99% Occupied Bandwidth

Method of Measurement: See RSS-Gen Issue 5-clause 6.7.

Measurement Limit:

Standard	Limit
RSS-Gen section 6.7	/

Measurement Results:

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant8	2412	12.853	2405.6648	2418.5178	---	---
	Ant9	2412	13.009	2405.6322	2418.6412	---	---
	Ant8	2437	12.774	2430.6093	2443.3833	---	---
	Ant9	2437	12.803	2430.5980	2443.4010	---	---
	Ant8	2462	12.835	2455.6395	2468.4745	---	---
	Ant9	2462	12.868	2455.6924	2468.5604	---	---
11G	Ant8	2412	16.465	2403.7998	2420.2648	---	---
	Ant9	2412	16.447	2403.8280	2420.2750	---	---
	Ant8	2437	16.410	2428.7847	2445.1947	---	---
	Ant9	2437	16.432	2428.7774	2445.2094	---	---
	Ant8	2462	16.490	2453.7670	2470.2570	---	---
	Ant9	2462	16.458	2453.8113	2470.2693	---	---
11N20MIMO	Ant8	2412	17.624	2403.2346	2420.8586	---	---
	Ant9	2412	17.614	2403.2450	2420.8590	---	---
	Ant8	2437	17.592	2428.1975	2445.7895	---	---
	Ant9	2437	17.593	2428.1947	2445.7877	---	---
	Ant8	2462	17.643	2453.1907	2470.8337	---	---
	Ant9	2462	17.629	2453.2309	2470.8599	---	---
11N40MIMO	Ant8	2422	35.862	2404.1579	2440.0199	---	---
	Ant9	2422	35.935	2404.1209	2440.0559	---	---
	Ant8	2437	35.803	2419.0893	2454.8923	---	---
	Ant9	2437	35.773	2419.0916	2454.8646	---	---
	Ant8	2452	36.046	2433.9748	2470.0208	---	---
	Ant9	2452	36.033	2433.9782	2470.0112	---	---
11AX20MIMO	Ant8	2412	18.922	2402.5669	2421.4889	---	---
	Ant9	2412	18.911	2402.5921	2421.5031	---	---
	Ant8	2437	18.850	2427.5748	2446.4248	---	---
	Ant9	2437	18.836	2427.5993	2446.4353	---	---
	Ant8	2462	18.939	2452.5612	2471.5002	---	---
	Ant9	2462	18.922	2452.5795	2471.5015	---	---
11AX40MIMO	Ant8	2422	37.565	2403.3201	2440.8851	---	---
	Ant9	2422	37.521	2403.3392	2440.8602	---	---
	Ant8	2437	37.426	2418.2657	2455.6917	---	---

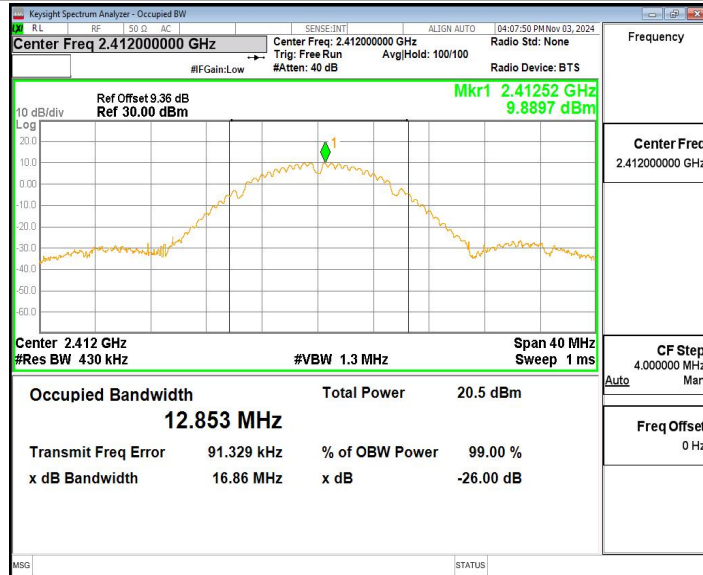


	Ant9	2437	37.520	2418.2915	2455.8115	---	---
	Ant8	2452	37.729	2433.1063	2470.8353	---	---
	Ant9	2452	37.927	2433.0027	2470.9297	---	---

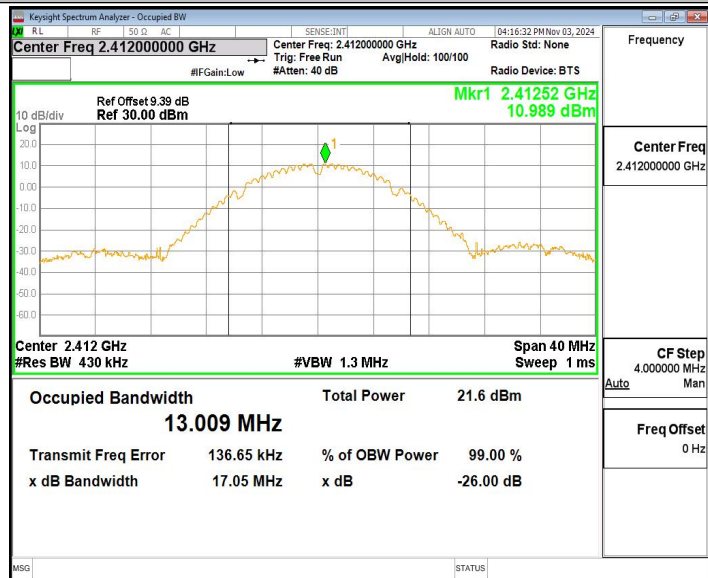
See below for test graphs.

Conclusion: PASS

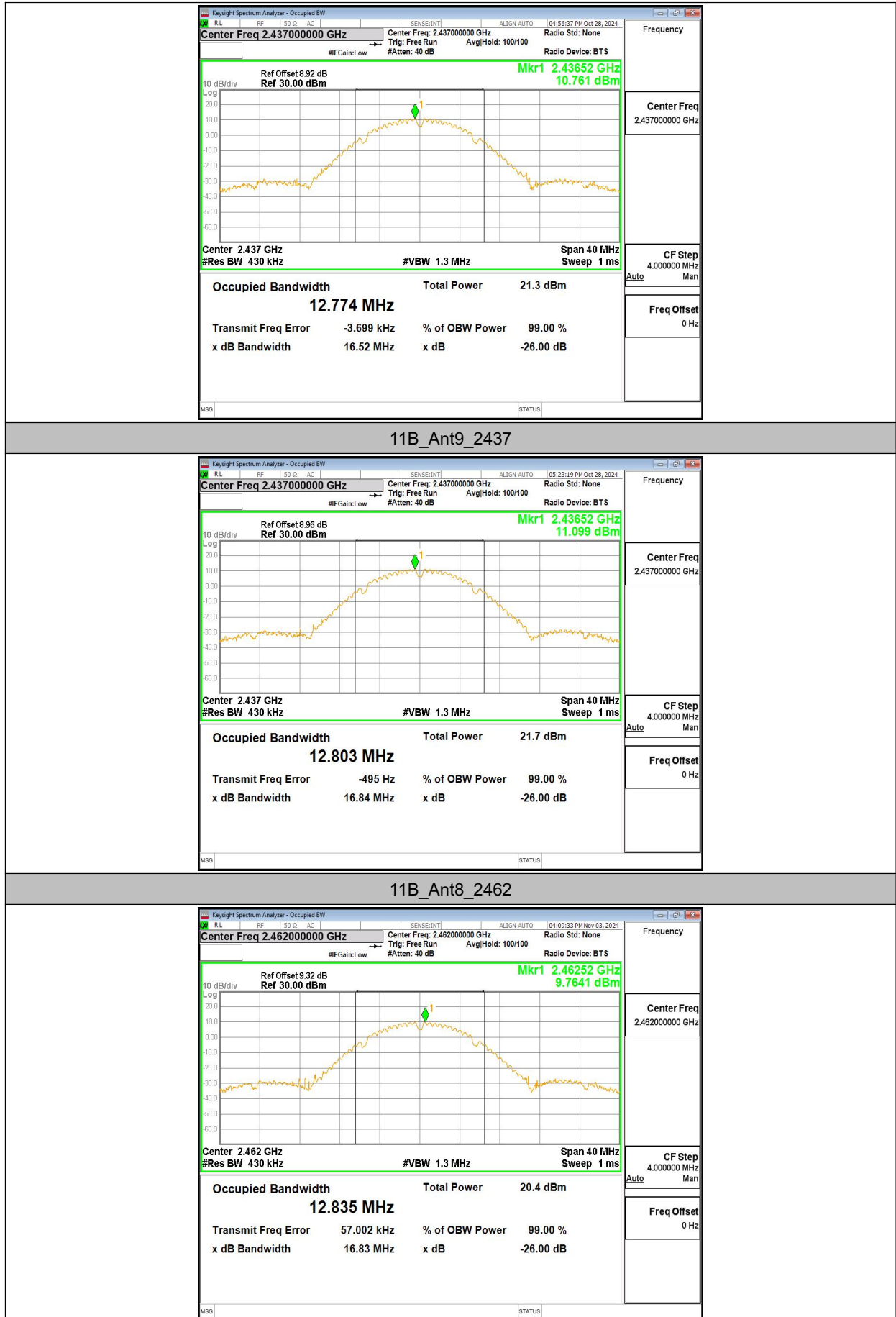
11B_Ant8_2412



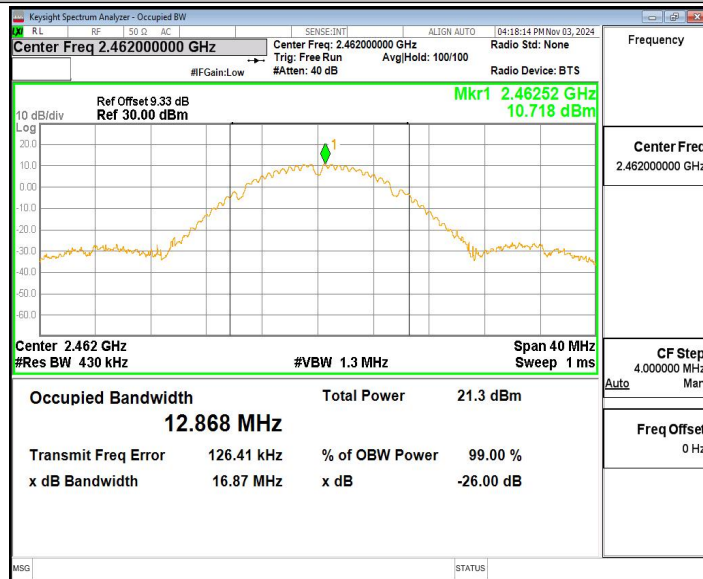
11B_Ant9_2412



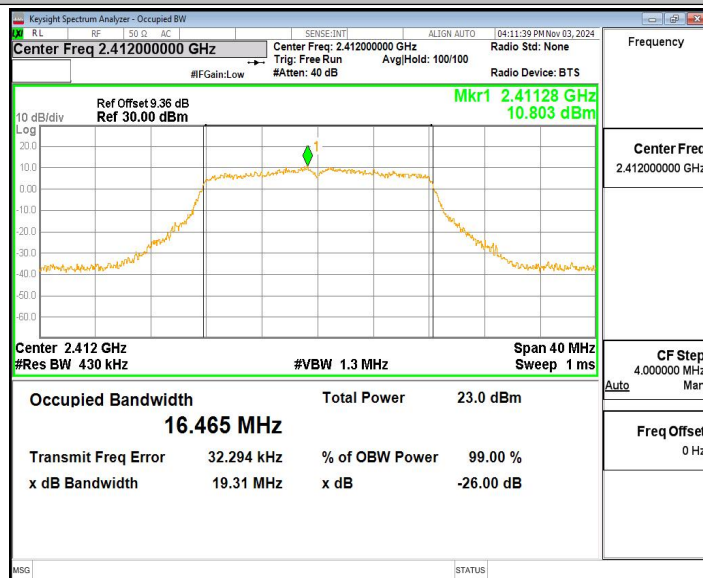
11B_Ant8_2437



11B_Ant9_2462



11G_Ant8_2412

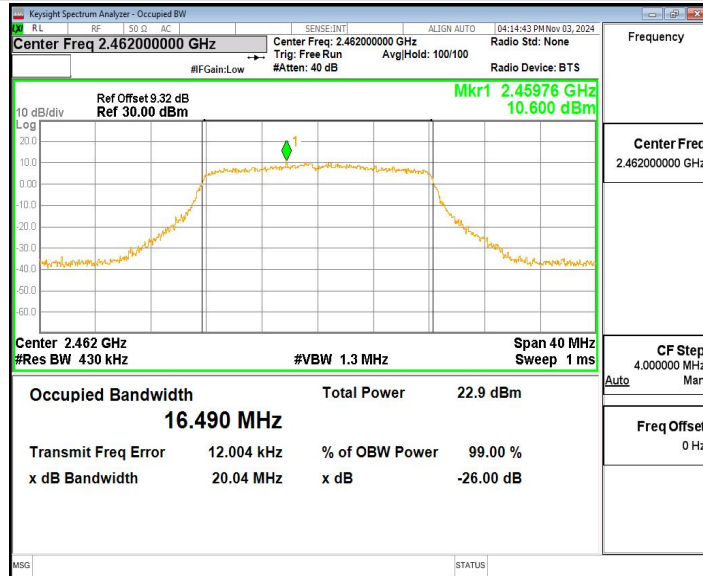


11G_Ant9_2412

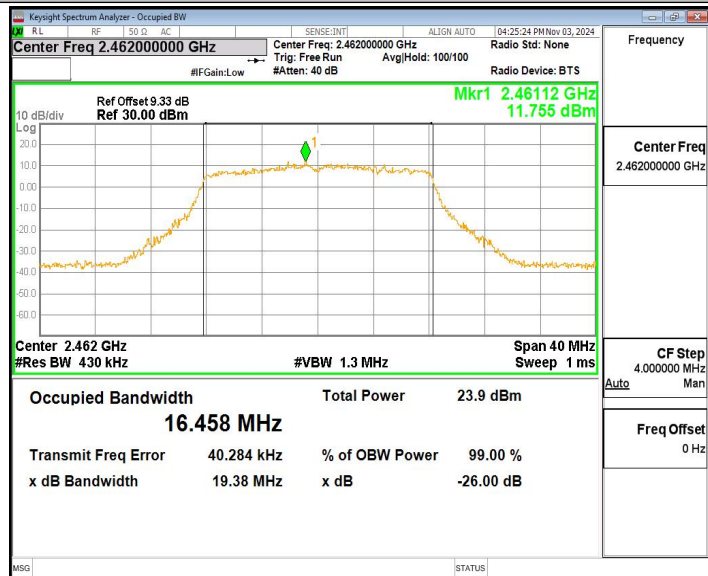




11G_Ant8_2462



11G_Ant9_2462

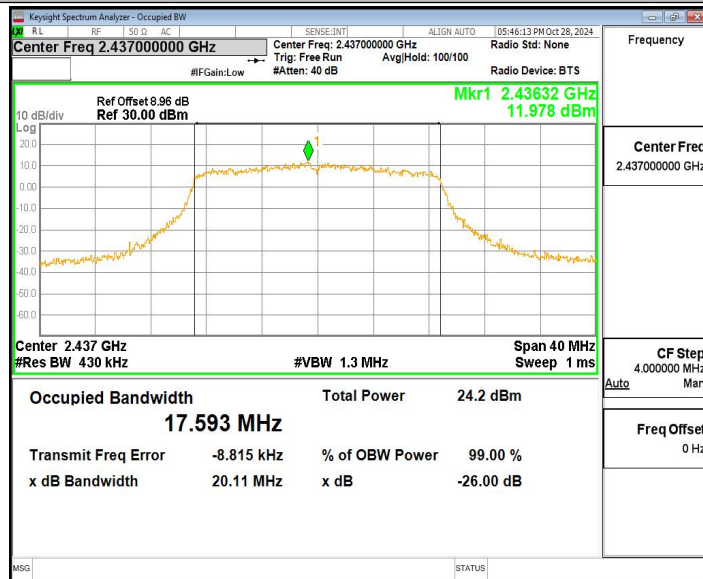


11N20MIMO_Ant8_2412

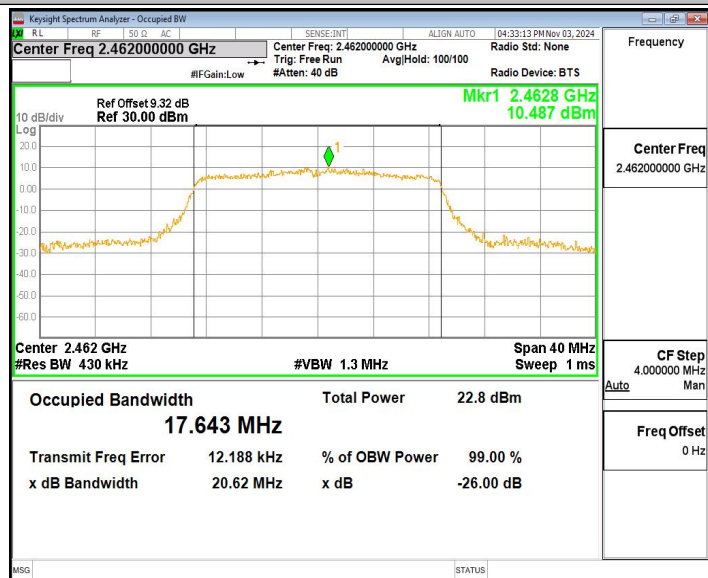




11N20MIMO_Ant9_2437



11N20MIMO_Ant8_2462

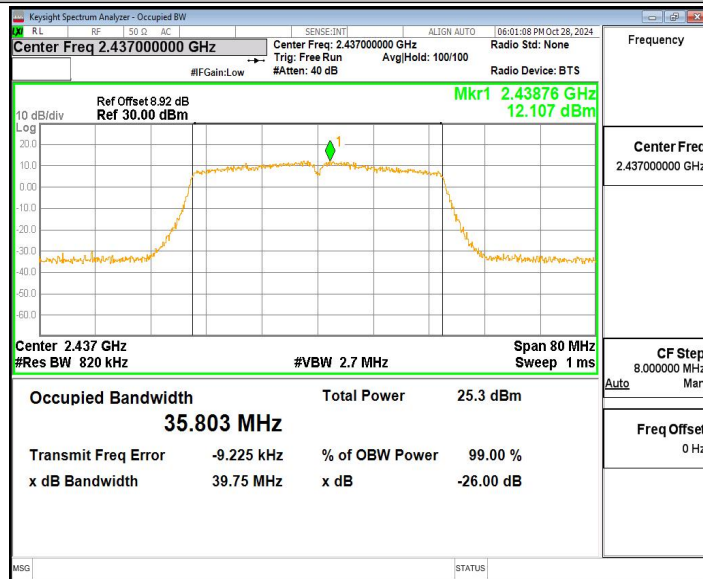


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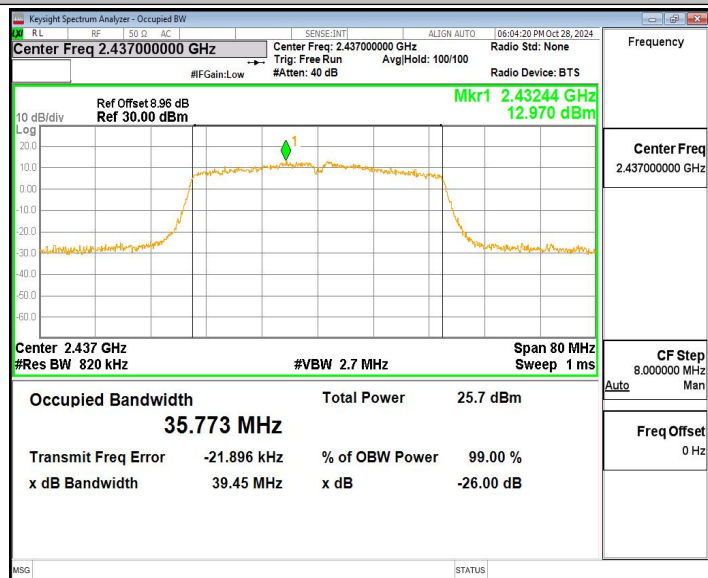




11N40MIMO_Ant8_2437



11N40MIMO_Ant9_2437

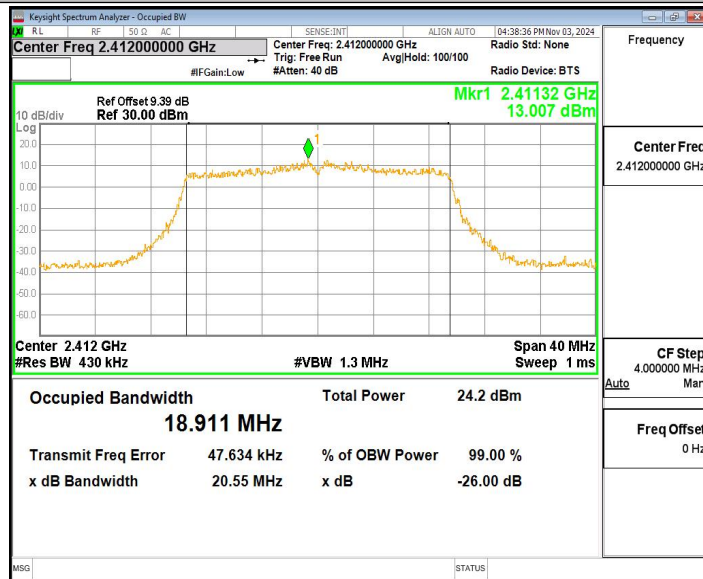


11N40MIMO_Ant8_2452

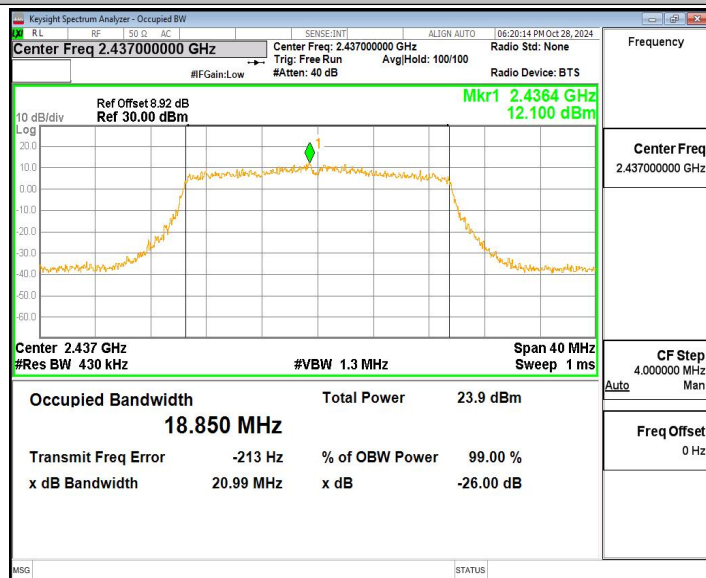




11AX20MIMO_Ant9_2412



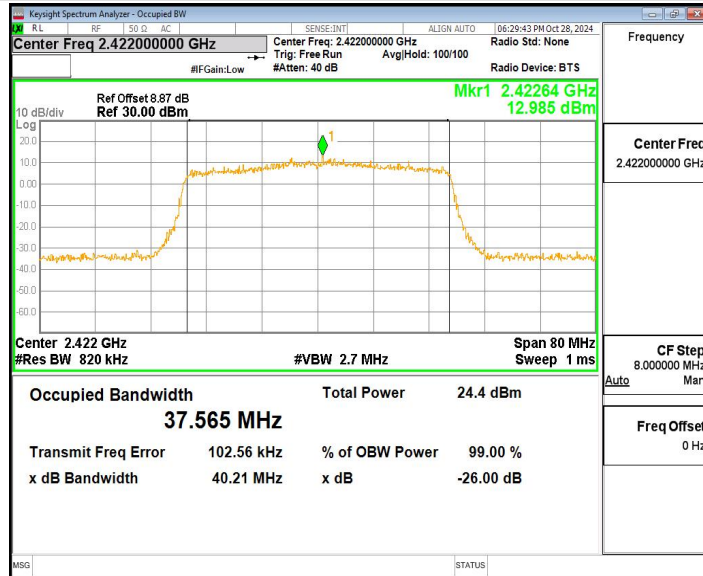
11AX20MIMO_Ant8_2437



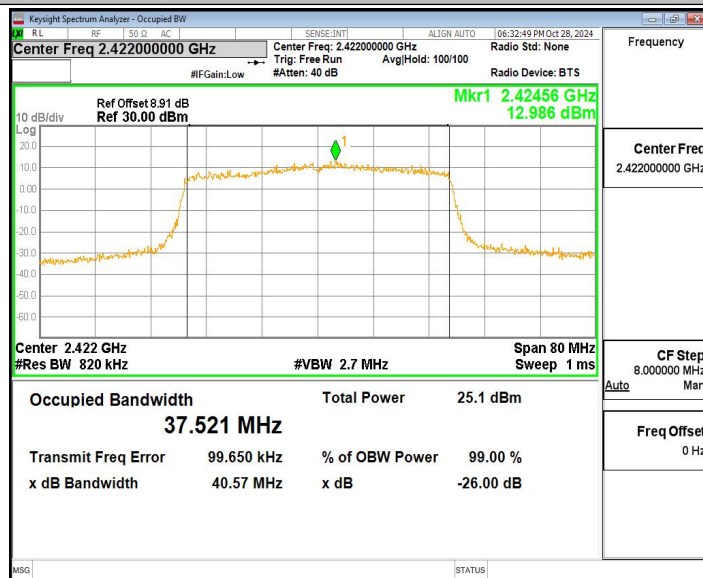
11AX20MIMO_Ant9_2437



11AX40MIMO_Ant8_2422

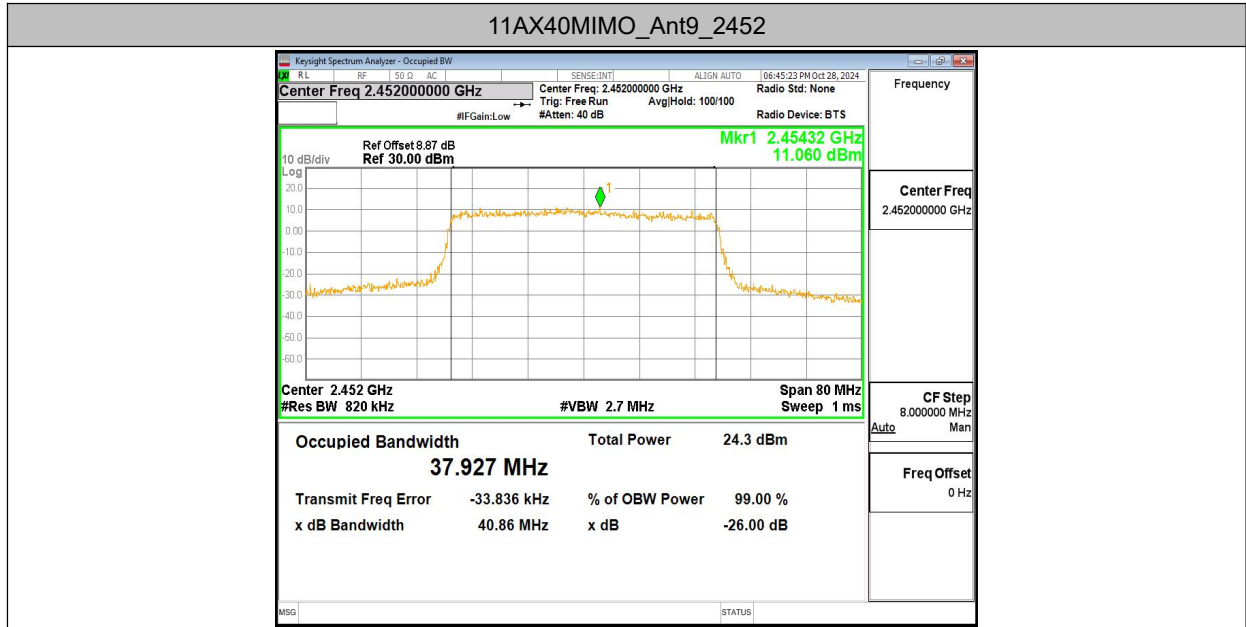


11AX40MIMO_Ant9_2422



11AX40MIMO_Ant8_2437





**A.8 AC Power line Conducted Emission****Method of Measurement: See ANSI C63.10-clause 6.2****Test Condition:**

Voltage (V)	Frequency (Hz)
120	60

Measurement Result and limit:

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Average-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
			Traffic	Idle	
0.15 to 0.5	66 to 56	56 to 46	Fig.1	Fig.2	P
0.5 to 5	56	46			
5 to 30	60	50			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

Note: The measurement results include the L1 and N measurements.**See below for test graphs.****Conclusion: PASS**

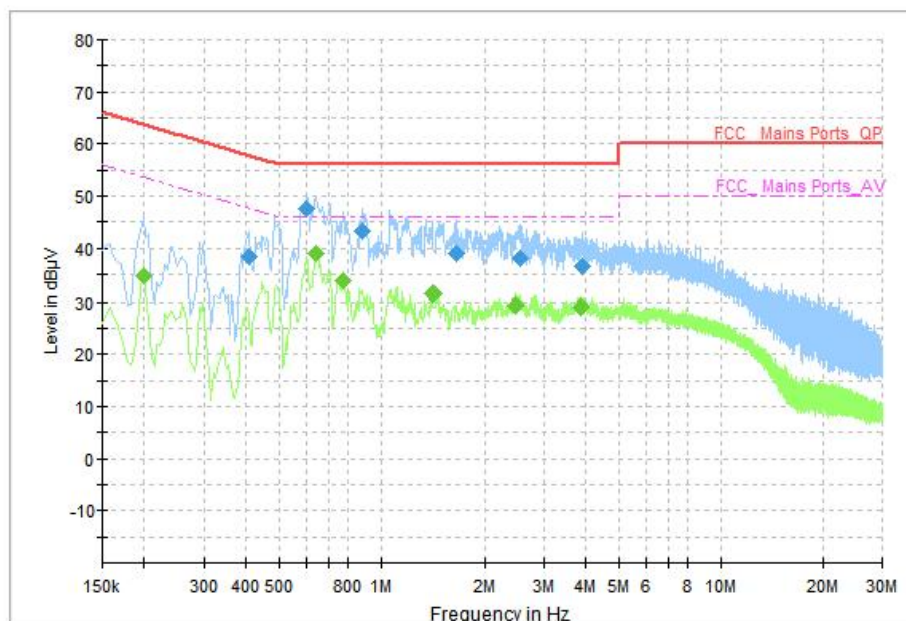


Fig.24 AC Power line Conducted Emission (Traffic)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.406000	38.47	57.73	19.26	L1	ON	10
0.602000	47.58	56.00	8.42	L1	ON	10
0.882000	43.32	56.00	12.68	L1	ON	10
1.650000	38.93	56.00	17.07	N	ON	10
2.546000	37.95	56.00	18.05	N	ON	10
3.902000	36.42	56.00	19.58	L1	ON	10

Measurement Results: Average

Frequency (MHz)	Quasi Peak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.198000	34.64	53.69	19.05	L1	ON	10
0.646000	39.12	46.00	6.88	L1	ON	10
0.774000	33.86	46.00	12.14	L1	ON	10
1.414000	31.29	46.00	14.71	L1	ON	10
2.474000	29.12	46.00	16.88	L1	ON	10
3.866000	28.82	46.00	17.18	L1	ON	10

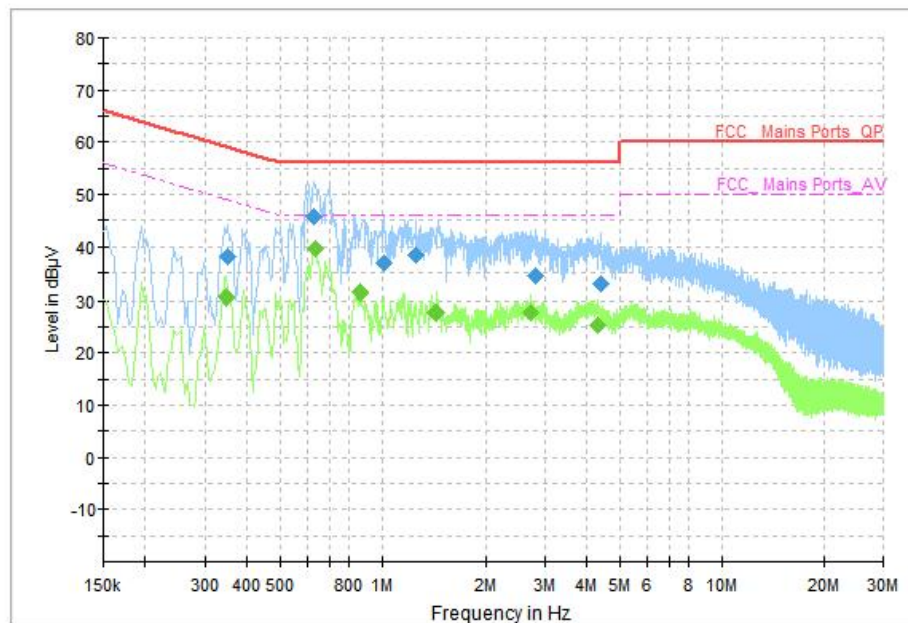


Fig.25 AC Power line Conducted Emission (Idle)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.350000	38.03	58.96	20.93	N	ON	10
0.626000	45.69	56.00	10.31	N	ON	10
1.018000	36.81	56.00	19.19	N	ON	10
1.258000	38.36	56.00	17.64	N	ON	10
2.806000	34.45	56.00	21.55	N	ON	10
4.386000	32.88	56.00	23.12	N	ON	10

Measurement Results: Average

Frequency (MHz)	Quasi Peak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.346000	30.58	49.06	18.48	L1	ON	10
0.638000	39.52	46.00	6.48	L1	ON	10
0.866000	31.49	46.00	14.51	L1	ON	10
1.442000	27.73	46.00	18.27	L1	ON	10
2.730000	27.60	46.00	18.40	L1	ON	10
4.294000	25.35	46.00	20.65	N	ON	10

END OF REPORT