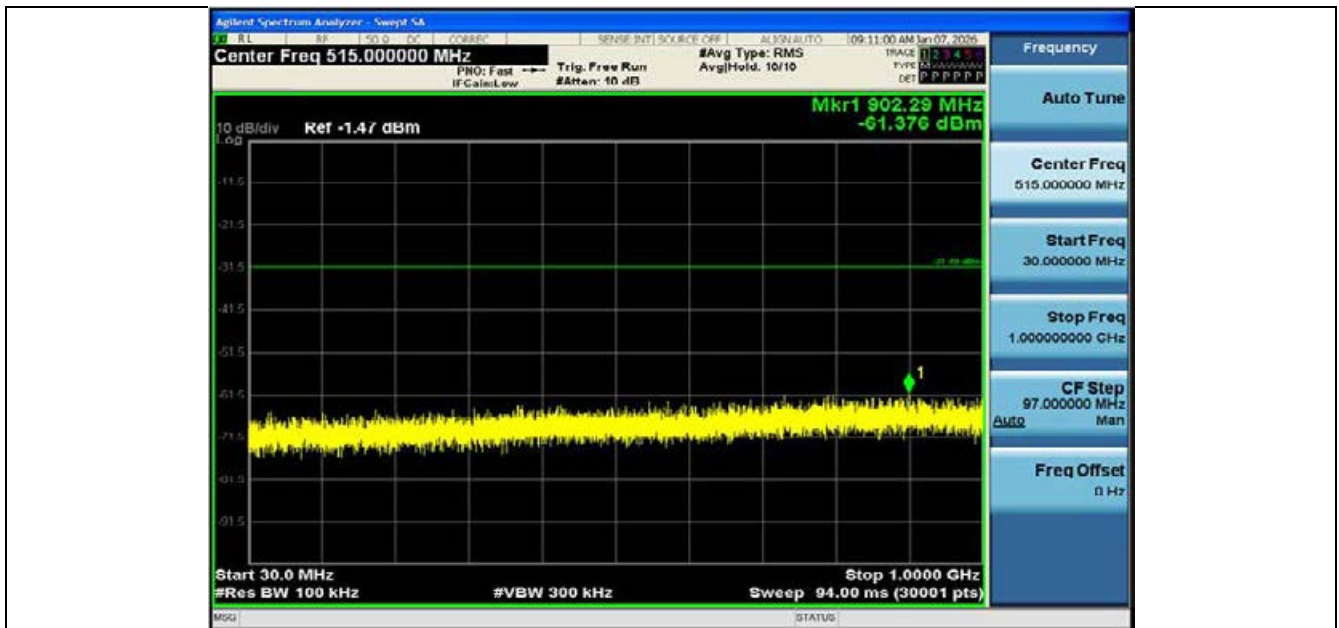
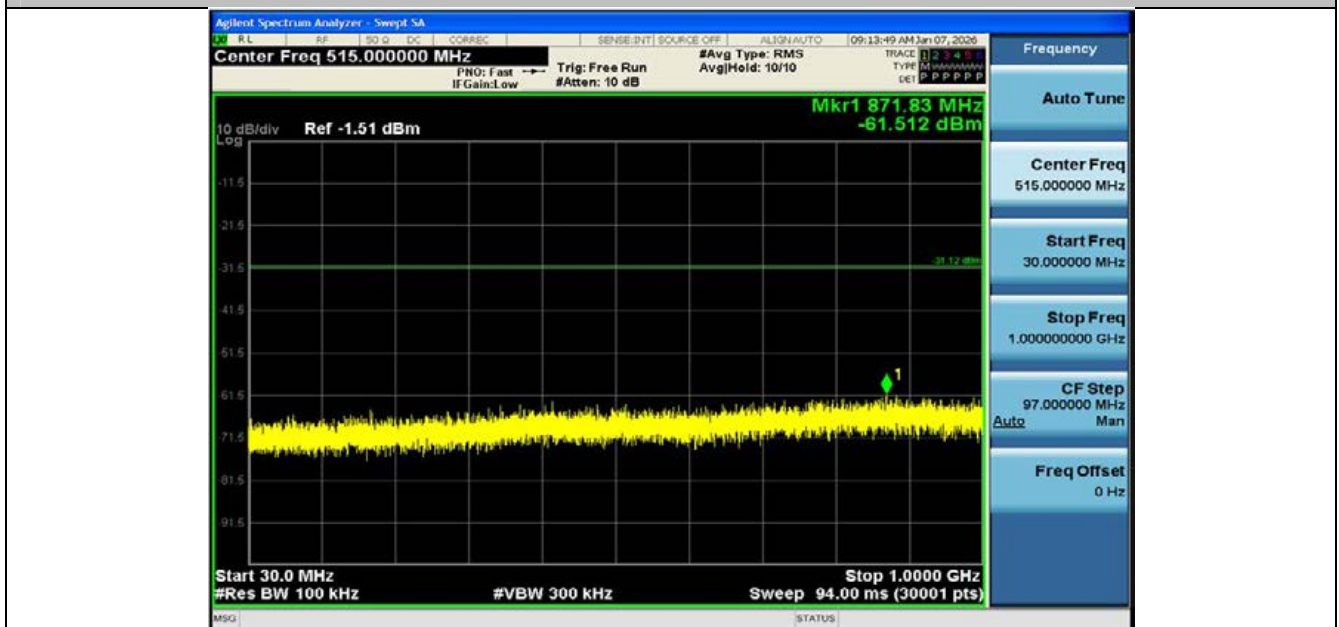
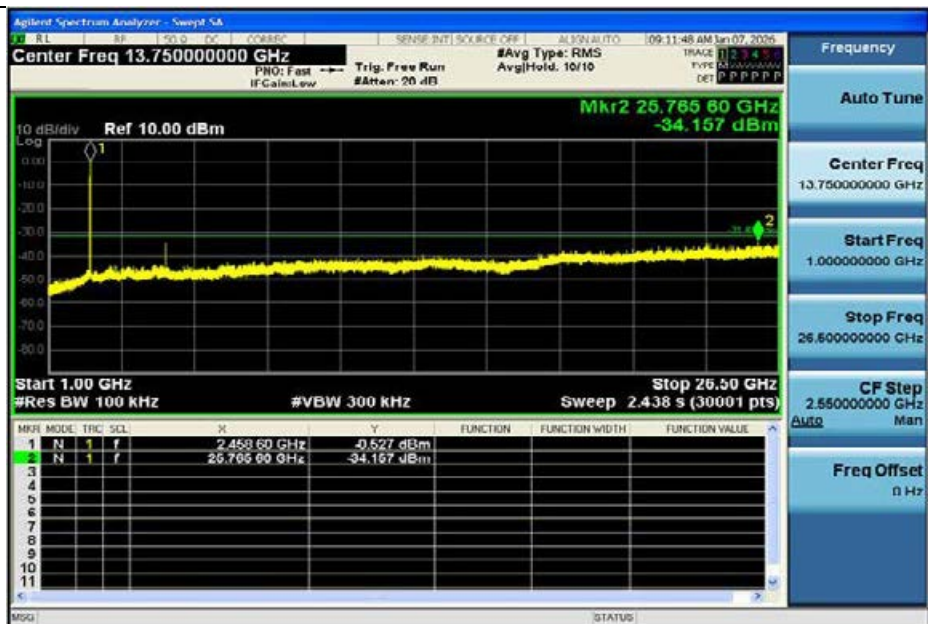




11AX20MIMO-Ant1-2462-30~1000-PASS



11AX20MIMO-Ant2-2462-30~1000-PASS



11AX20MIMO-Ant1-2462-1000~26500-PASS



11AX20MIMO-Ant2-2462-1000~26500-PASS



11AX40MIMO-Ant1-2422-0~Reference-PASS



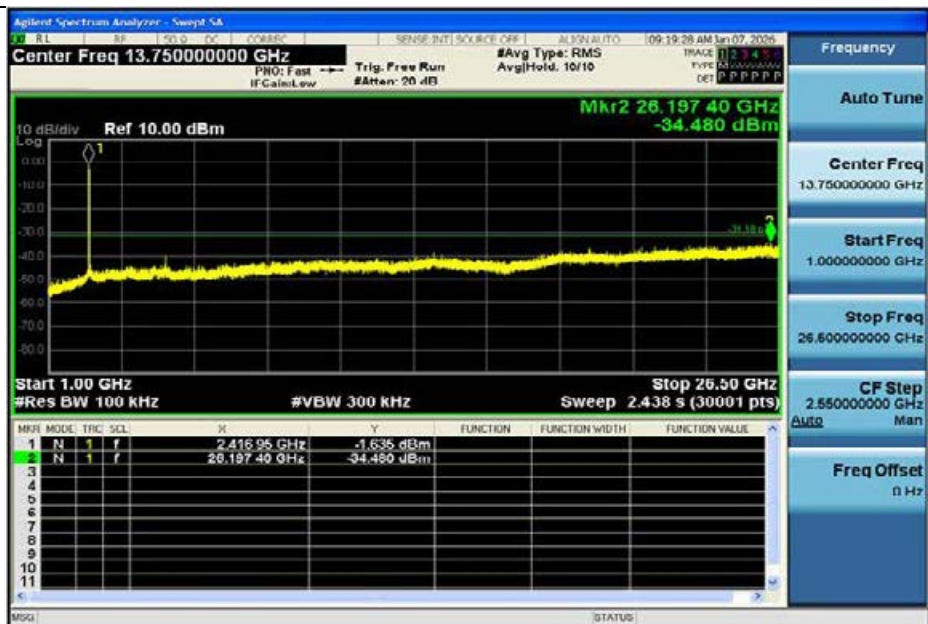
11AX40MIMO-Ant2-2422-0~Reference-PASS



11AX40MIMO-Ant1-2422-30~1000-PASS



11AX40MIMO-Ant2-2422-30~1000-PASS



11AX40MIMO-Ant1-2422-1000~26500-PASS



11AX40MIMO-Ant2-2422-1000~26500-PASS



11AX40MIMO-Ant1-2437-0~Reference-PASS



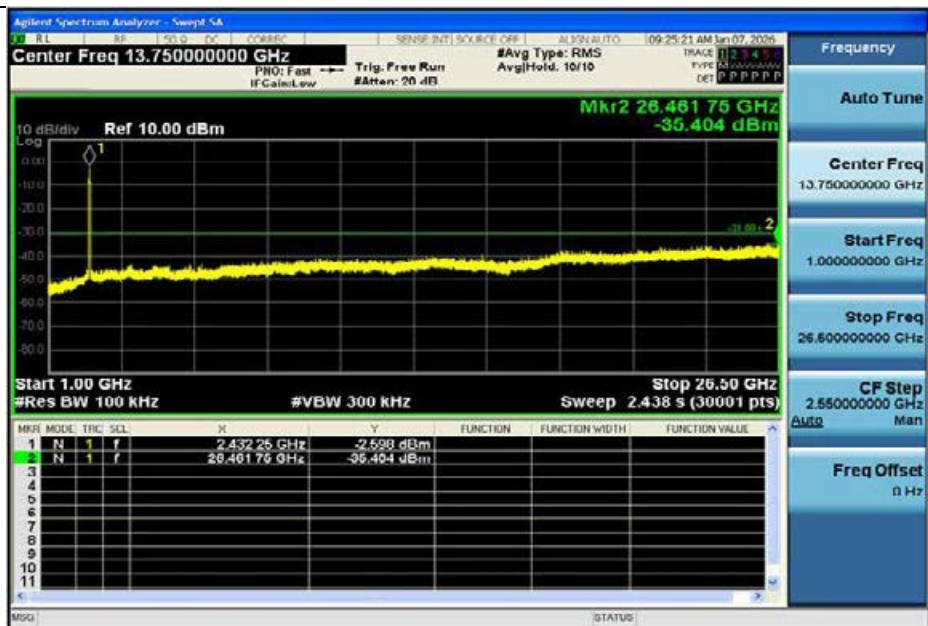
11AX40MIMO-Ant2-2437-0~Reference-PASS



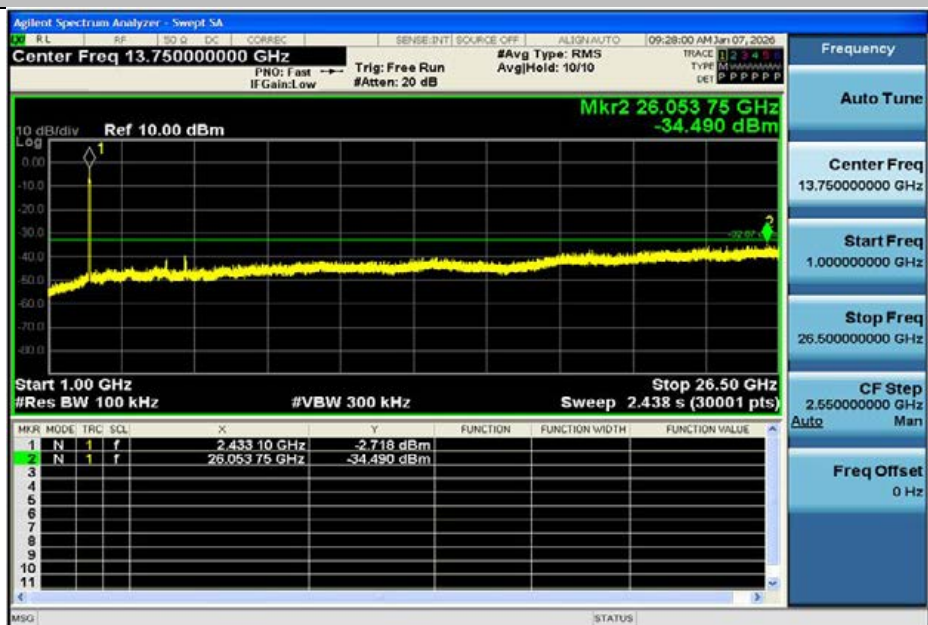
11AX40MIMO-Ant1-2437-30~1000-PASS



11AX40MIMO-Ant2-2437-30~1000-PASS



11AX40MIMO-Ant1-2437-1000~26500-PASS



11AX40MIMO-Ant2-2437-1000~26500-PASS



11AX40MIMO-Ant1-2452-0~Reference-PASS



11AX40MIMO-Ant2-2452-0~Reference-PASS



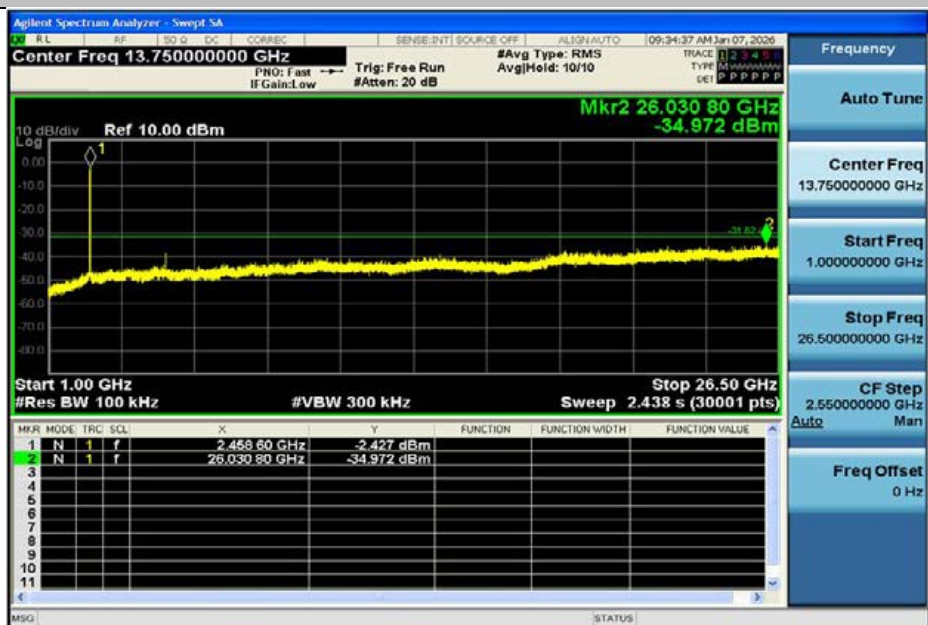
11AX40MIMO-Ant1-2452-30~1000-PASS



11AX40MIMO-Ant2-2452-30~1000-PASS



11AX40MIMO-Ant1-2452-1000~26500-PASS

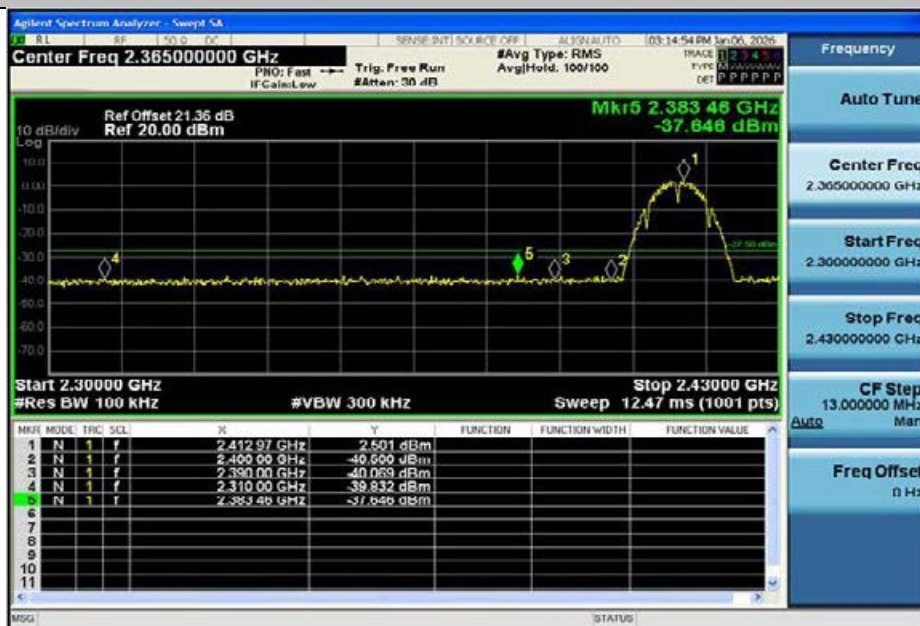


11AX40MIMO-Ant2-2452-1000~26500-PASS

Band edge



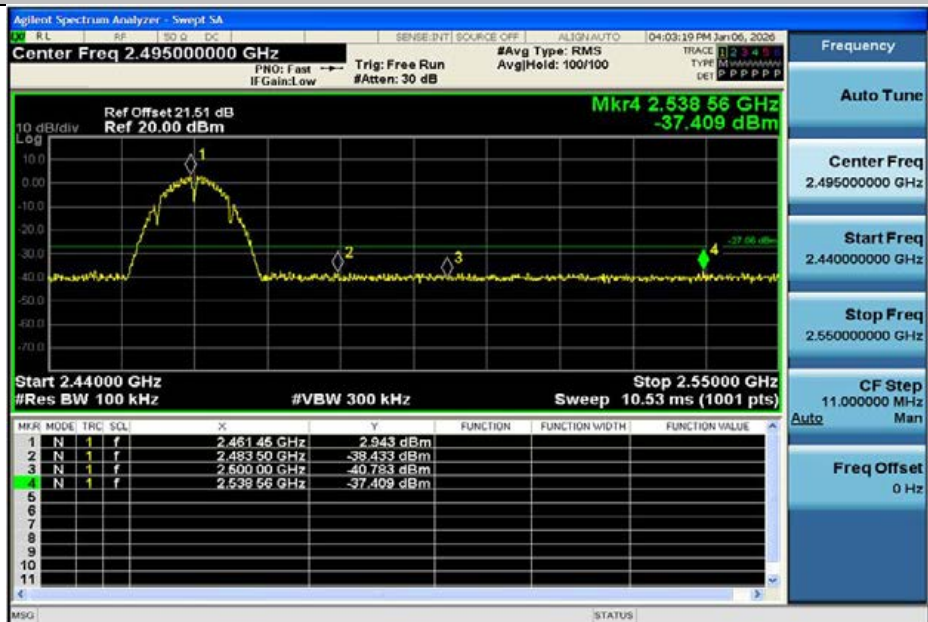
11B-CDD-Ant1-2412-PASS



11B-CDD-Ant2-2412-PASS



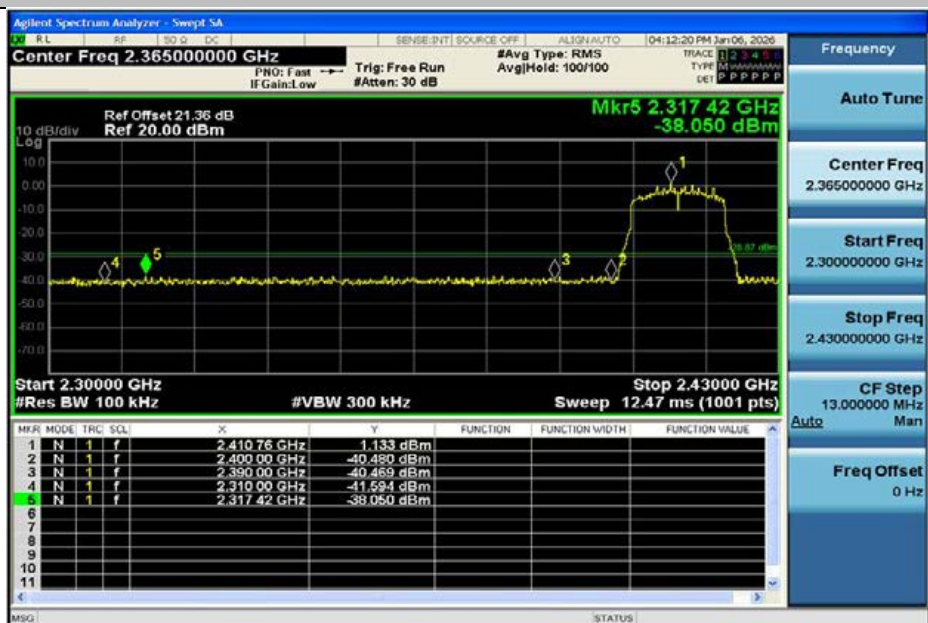
11B-CDD-Ant1-2462-PASS



11B-CDD-Ant2-2462-PASS



11G-CDD-Ant1-2412-PASS



11G-CDD-Ant2-2412-PASS



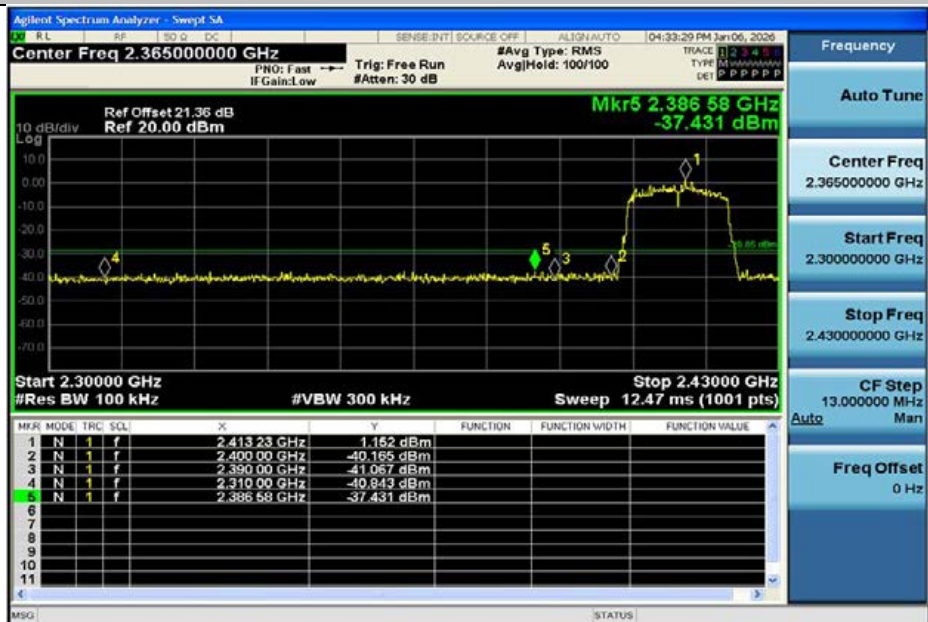
11G-CDD-Ant1-2462-PASS



11G-CDD-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



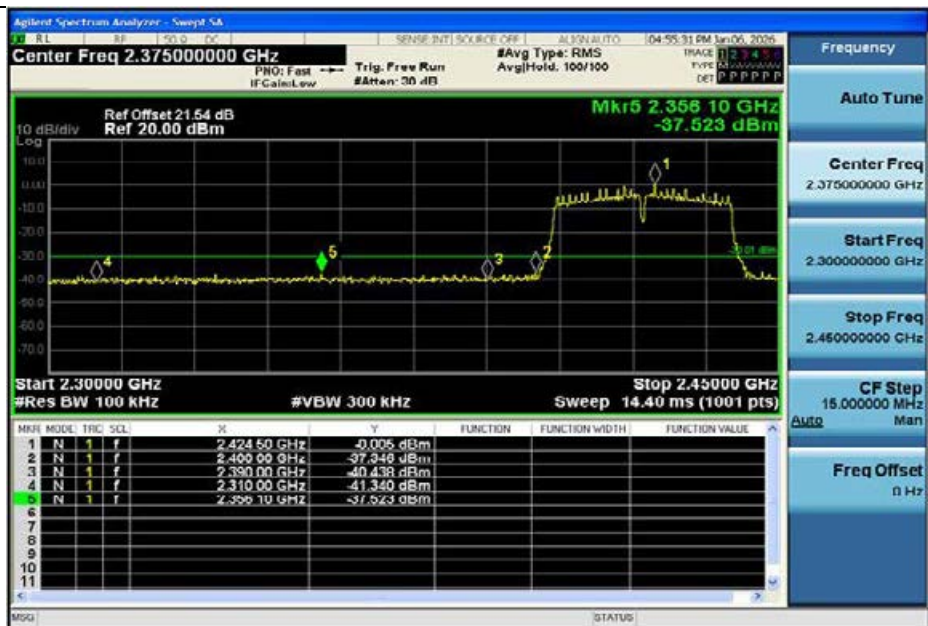
11N20MIMO-Ant2-2412-PASS



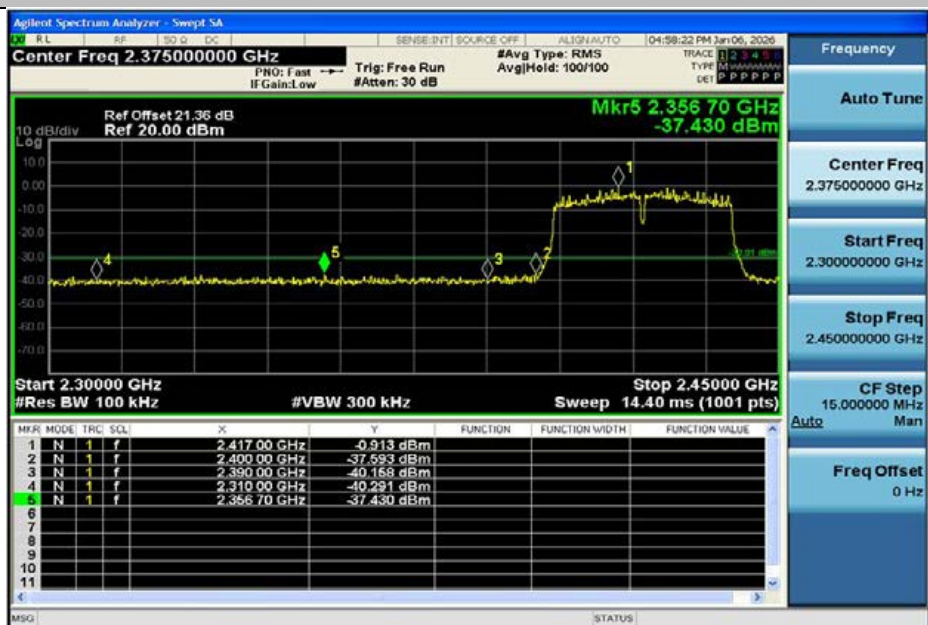
11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



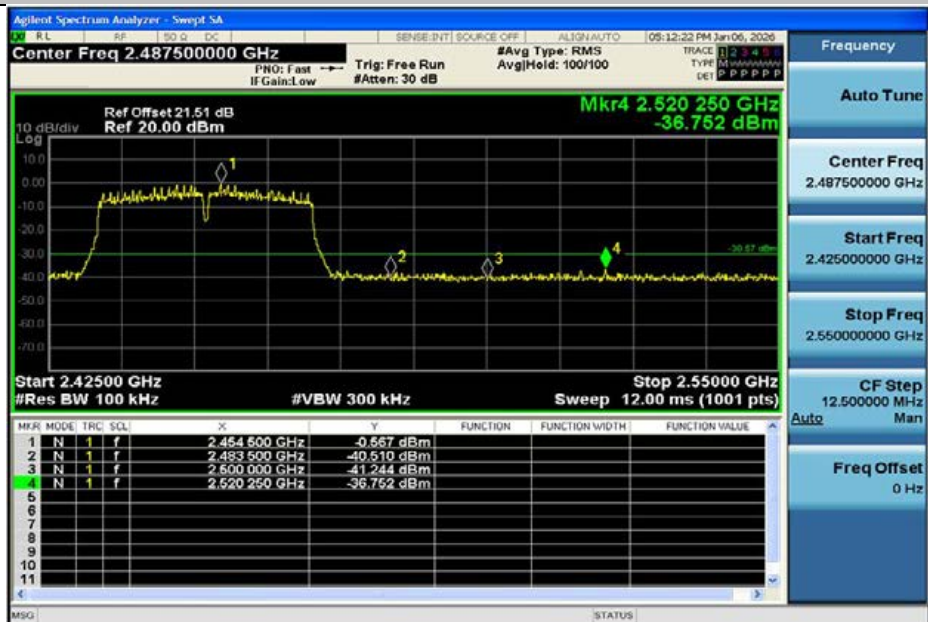
11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



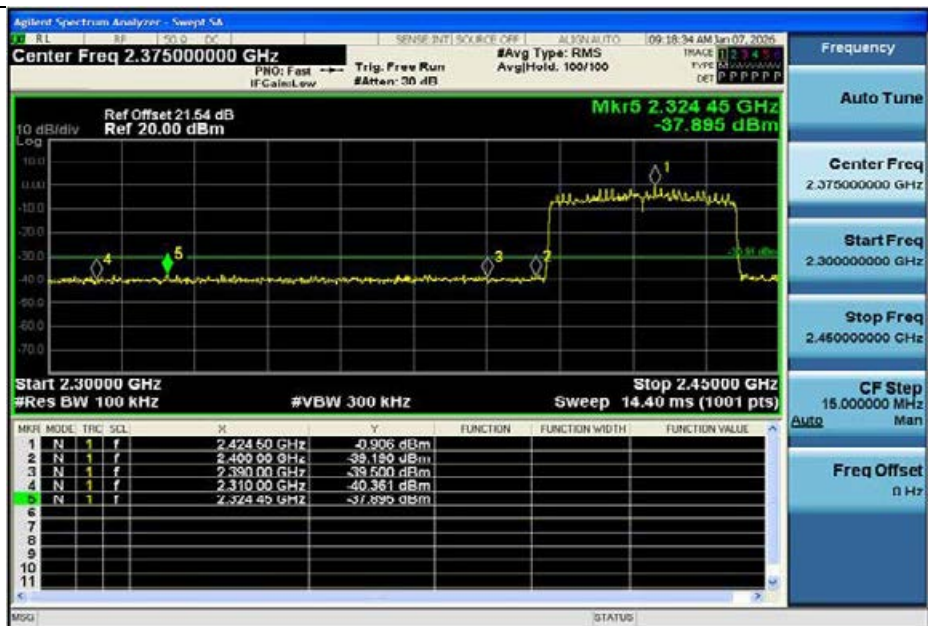
11AX20MIMO-Ant2-2412-PASS



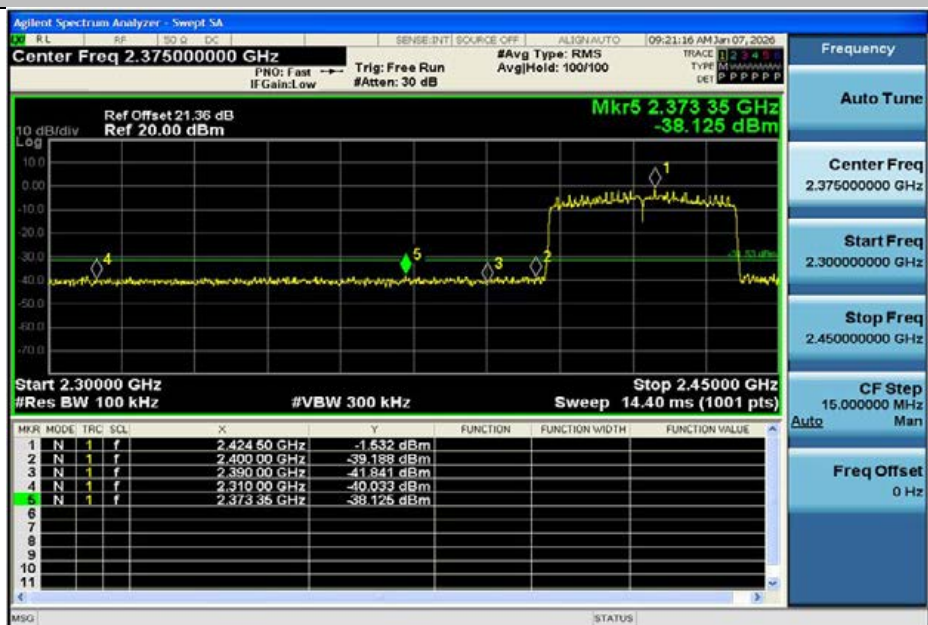
11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



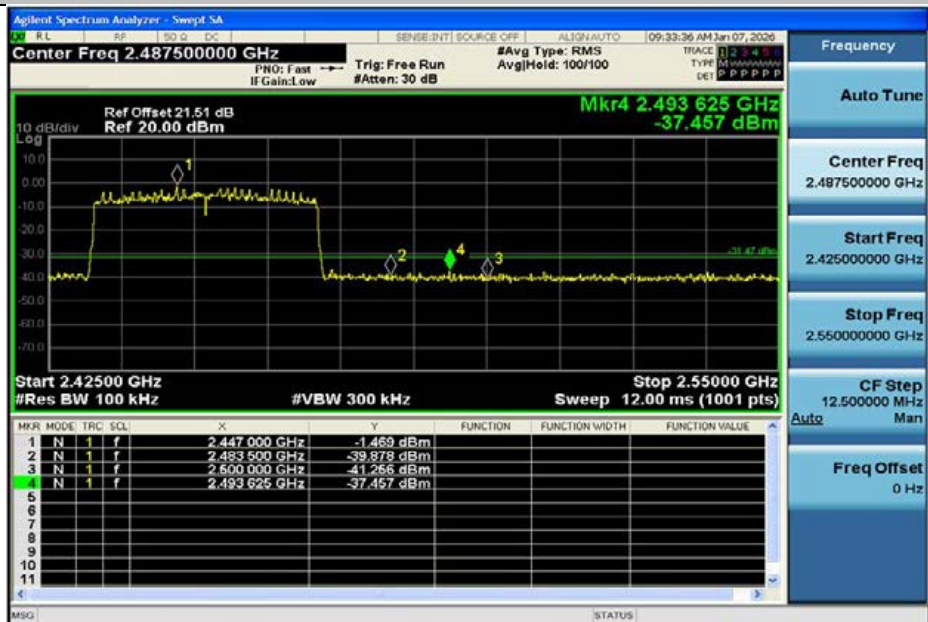
11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS

3.4 6dB Bandwidth

3.4.1 Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

3.4.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

a) The EUT was connected to the tonscond test system, and the spectrum analyser is set as follow:

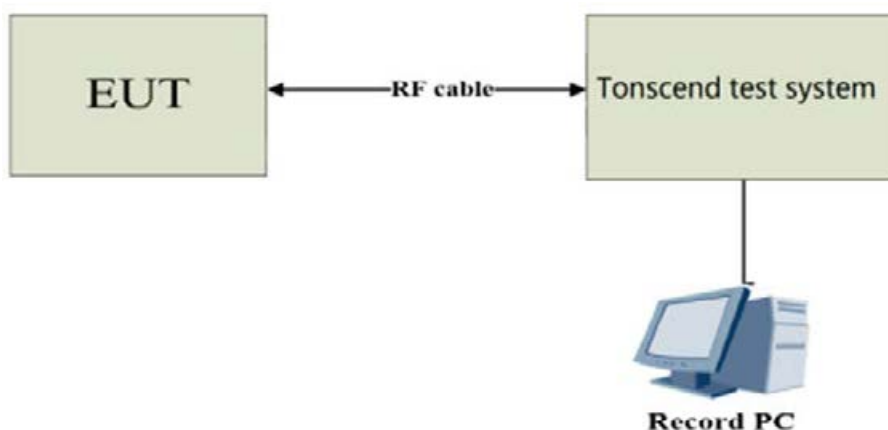
Centre Frequency	The centre frequency of the channel under test
RBW	1%~5% OBW but not less than 100 kHz.
VBW	≥ 3 RBW
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

b) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.

c) Use the -6dB bandwidth function of the spectrum analyser to measure the 6dB Bandwidth of the EUT. This value shall be recorded.

d) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

3.4.3 Test Setup



3.4.4 Test Result

DTS Bandwidth

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	8.120	2407.920	2416.040	0.5	PASS
11B-CDD	Ant2	2412	8.120	2407.920	2416.040	0.5	PASS
11B-CDD	Ant1	2437	8.120	2432.920	2441.040	0.5	PASS
11B-CDD	Ant2	2437	8.120	2432.920	2441.040	0.5	PASS
11B-CDD	Ant1	2462	8.080	2457.960	2466.040	0.5	PASS
11B-CDD	Ant2	2462	8.120	2457.920	2466.040	0.5	PASS
11G-CDD	Ant1	2412	15.640	2404.280	2419.920	0.5	PASS
11G-CDD	Ant2	2412	16.040	2404.160	2420.200	0.5	PASS
11G-CDD	Ant1	2437	16.200	2428.880	2445.080	0.5	PASS
11G-CDD	Ant2	2437	16.320	2428.840	2445.160	0.5	PASS
11G-CDD	Ant1	2462	16.360	2453.800	2470.160	0.5	PASS
11G-CDD	Ant2	2462	16.280	2453.840	2470.120	0.5	PASS
11N20MIMO	Ant1	2412	16.560	2404.040	2420.600	0.5	PASS
11N20MIMO	Ant2	2412	16.720	2403.600	2420.320	0.5	PASS
11N20MIMO	Ant1	2437	17.480	2428.200	2445.680	0.5	PASS
11N20MIMO	Ant2	2437	17.520	2428.200	2445.720	0.5	PASS
11N20MIMO	Ant1	2462	17.400	2453.280	2470.680	0.5	PASS
11N20MIMO	Ant2	2462	17.560	2453.200	2470.760	0.5	PASS
11N40MIMO	Ant1	2422	35.600	2404.400	2440.000	0.5	PASS
11N40MIMO	Ant2	2422	32.960	2406.240	2439.200	0.5	PASS
11N40MIMO	Ant1	2437	35.840	2419.000	2454.840	0.5	PASS
11N40MIMO	Ant2	2437	33.920	2420.040	2453.960	0.5	PASS
11N40MIMO	Ant1	2452	35.760	2433.920	2469.680	0.5	PASS
11N40MIMO	Ant2	2452	34.080	2435.040	2469.120	0.5	PASS
11AX20MIMO	Ant1	2412	18.880	2402.520	2421.400	0.5	PASS
11AX20MIMO	Ant2	2412	18.520	2402.760	2421.280	0.5	PASS
11AX20MIMO	Ant1	2437	18.880	2427.560	2446.440	0.5	PASS
11AX20MIMO	Ant2	2437	18.920	2427.560	2446.480	0.5	PASS
11AX20MIMO	Ant1	2462	18.920	2452.560	2471.480	0.5	PASS
11AX20MIMO	Ant2	2462	18.880	2452.560	2471.440	0.5	PASS
11AX40MIMO	Ant1	2422	37.600	2403.200	2440.800	0.5	PASS
11AX40MIMO	Ant2	2422	36.960	2403.600	2440.560	0.5	PASS
11AX40MIMO	Ant1	2437	36.560	2418.440	2455.000	0.5	PASS
11AX40MIMO	Ant2	2437	36.800	2418.360	2455.160	0.5	PASS
11AX40MIMO	Ant1	2452	37.680	2433.040	2470.720	0.5	PASS
11AX40MIMO	Ant2	2452	37.600	2433.200	2470.800	0.5	PASS

Test Graphs



11B-CDD-Ant1-2412-PASS



11B-CDD-Ant2-2412-PASS



11B-CDD-Ant1-2437-PASS



11B-CDD-Ant2-2437-PASS



11B-CDD-Ant1-2462-PASS



11B-CDD-Ant2-2462-PASS



11G-CDD-Ant1-2412-PASS



11G-CDD-Ant2-2412-PASS



11G-CDD-Ant1-2437-PASS



11G-CDD-Ant2-2437-PASS



11G-CDD-Ant1-2462-PASS



11G-CDD-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



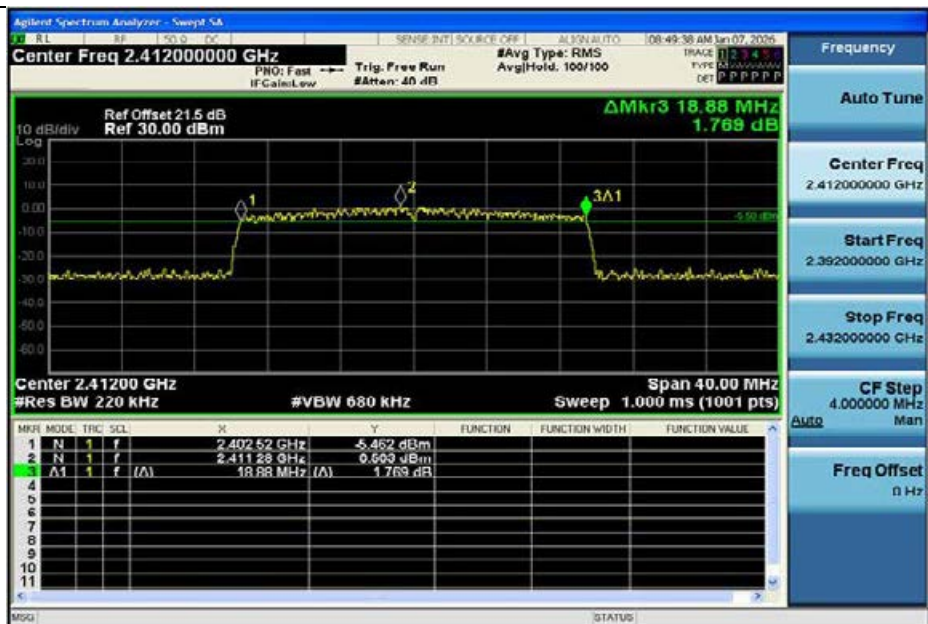
11N40MIMO-Ant2-2437-PASS



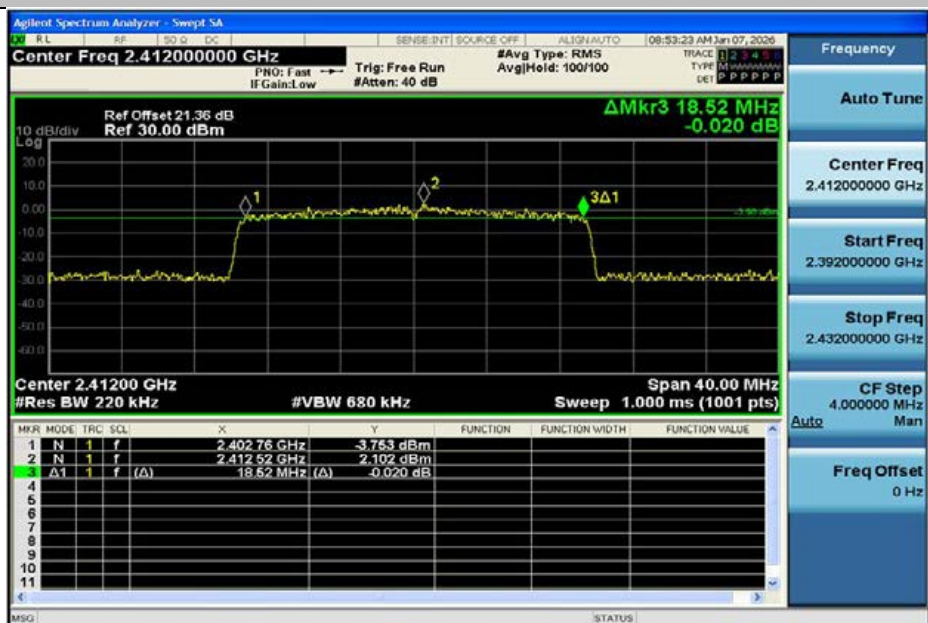
11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



11AX20MIMO-Ant2-2412-PASS



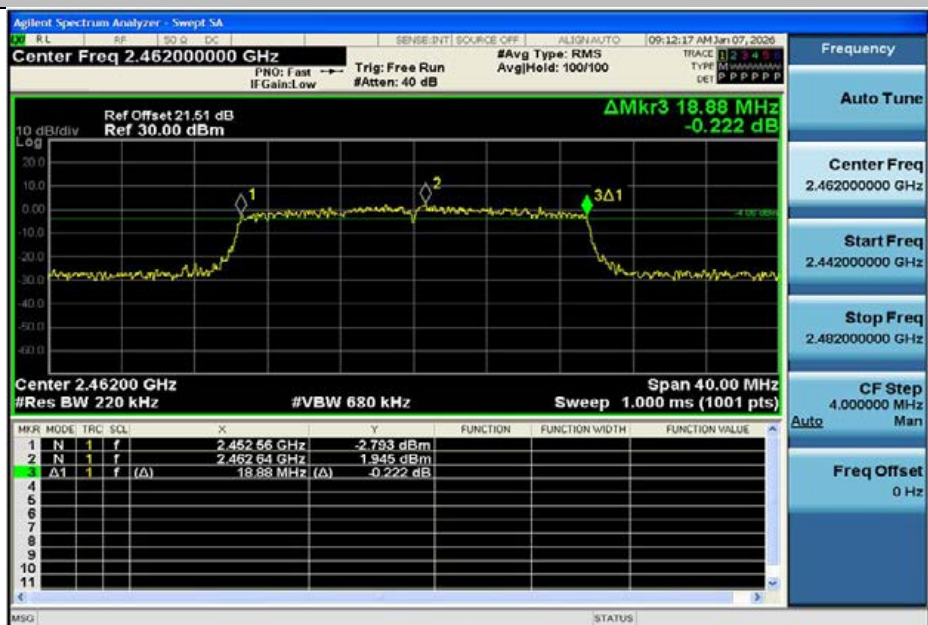
11AX20MIMO-Ant1-2437-PASS



11AX20MIMO-Ant2-2437-PASS



11AX20MIMO-Ant1-2462-PASS



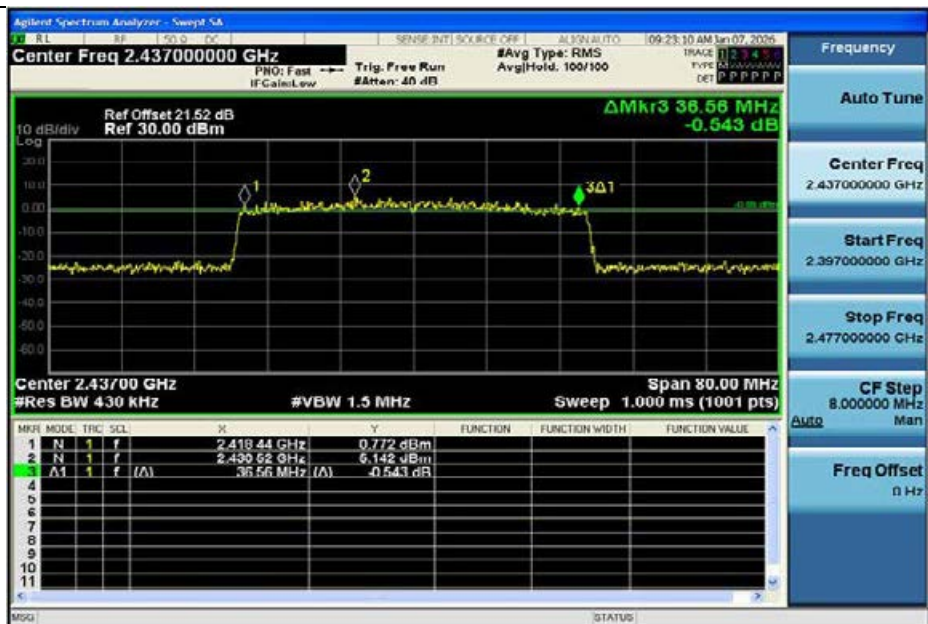
11AX20MIMO-Ant2-2462-PASS



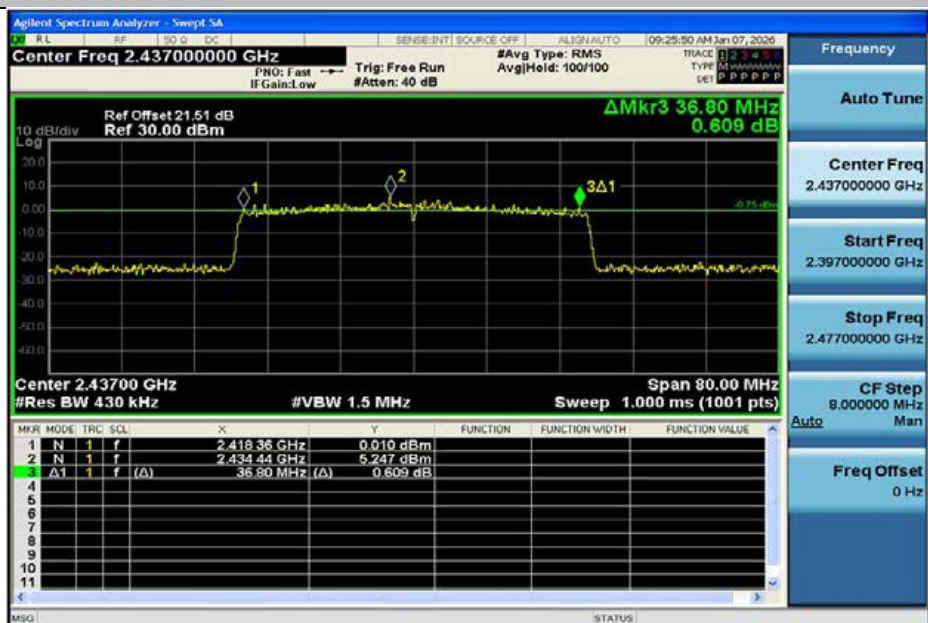
11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



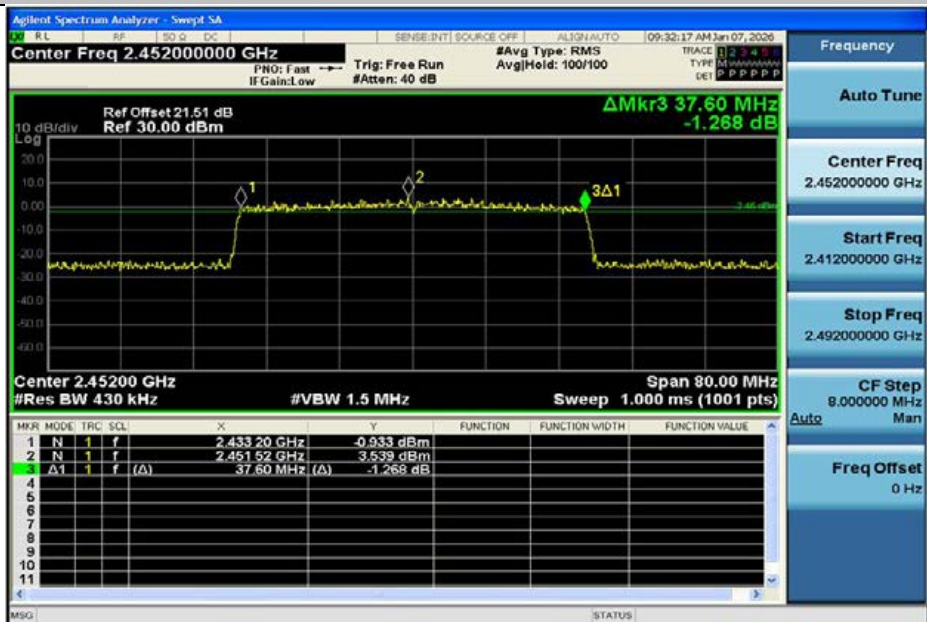
11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS

Occupied Channel Bandwidth

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	14.198	2404.8997	2419.0977	---	---
11B-CDD	Ant2	2412	14.216	2404.8830	2419.0990	---	---
11B-CDD	Ant1	2437	14.171	2429.8878	2444.0588	---	---
11B-CDD	Ant2	2437	14.144	2429.9061	2444.0501	---	---
11B-CDD	Ant1	2462	14.153	2454.9093	2469.0623	---	---
11B-CDD	Ant2	2462	14.183	2454.8895	2469.0725	---	---
11G-CDD	Ant1	2412	16.986	2403.4529	2420.4389	---	---
11G-CDD	Ant2	2412	16.708	2403.6361	2420.3441	---	---
11G-CDD	Ant1	2437	18.448	2427.5897	2446.0377	---	---
11G-CDD	Ant2	2437	17.633	2428.0882	2445.7212	---	---
11G-CDD	Ant1	2462	18.456	2452.7101	2471.1661	---	---
11G-CDD	Ant2	2462	17.627	2453.1571	2470.7841	---	---
11N20MIMO	Ant1	2412	17.913	2403.0440	2420.9570	---	---
11N20MIMO	Ant2	2412	17.661	2403.1788	2420.8398	---	---
11N20MIMO	Ant1	2437	19.136	2427.3437	2446.4797	---	---
11N20MIMO	Ant2	2437	18.175	2427.8676	2446.0426	---	---
11N20MIMO	Ant1	2462	19.148	2452.3029	2471.4509	---	---
11N20MIMO	Ant2	2462	18.190	2452.8874	2471.0774	---	---
11N40MIMO	Ant1	2422	36.004	2404.0073	2440.0113	---	---
11N40MIMO	Ant2	2422	36.191	2403.9752	2440.1662	---	---
11N40MIMO	Ant1	2437	35.958	2418.9778	2454.9358	---	---
11N40MIMO	Ant2	2437	36.046	2418.9904	2455.0364	---	---
11N40MIMO	Ant1	2452	36.073	2433.9257	2469.9987	---	---
11N40MIMO	Ant2	2452	36.191	2433.8862	2470.0772	---	---
11AX20MIMO	Ant1	2412	19.000	2402.4831	2421.4831	---	---
11AX20MIMO	Ant2	2412	18.916	2402.5570	2421.4730	---	---
11AX20MIMO	Ant1	2437	19.164	2427.3849	2446.5489	---	---
11AX20MIMO	Ant2	2437	19.092	2427.4265	2446.5185	---	---
11AX20MIMO	Ant1	2462	19.111	2452.4249	2471.5359	---	---
11AX20MIMO	Ant2	2462	19.066	2452.4426	2471.5086	---	---
11AX40MIMO	Ant1	2422	37.841	2403.0578	2440.8988	---	---
11AX40MIMO	Ant2	2422	37.858	2403.1238	2440.9818	---	---
11AX40MIMO	Ant1	2437	37.889	2418.0738	2455.9628	---	---
11AX40MIMO	Ant2	2437	37.943	2418.0547	2455.9977	---	---
11AX40MIMO	Ant1	2452	37.951	2433.0063	2470.9573	---	---
11AX40MIMO	Ant2	2452	37.826	2433.1180	2470.9440	---	---

Test Graphs

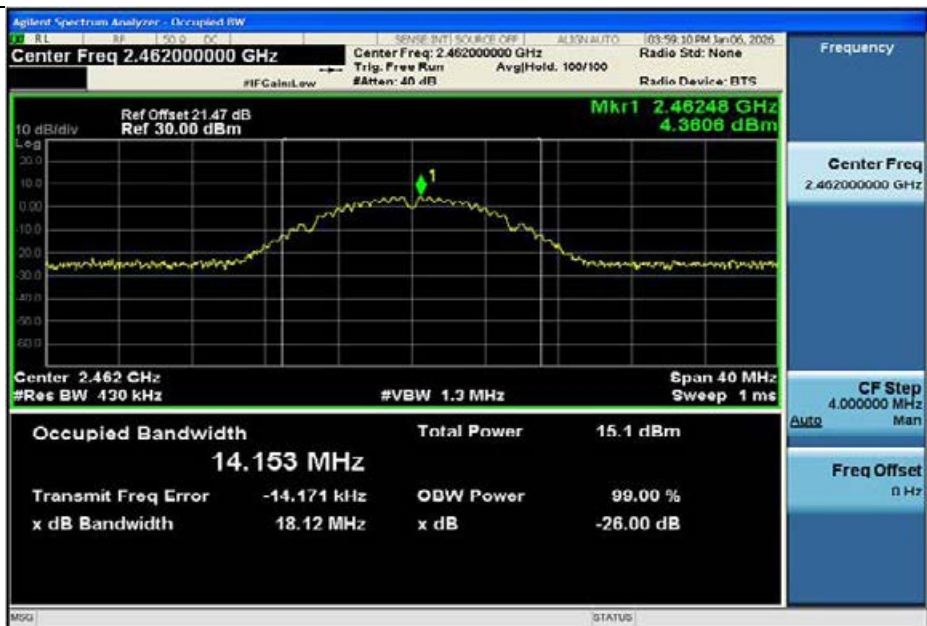




11B-CDD-Ant1-2437



11B-CDD-Ant2-2437



11B-CDD-Ant1-2462



11B-CDD-Ant2-2462



11G-CDD-Ant1-2412



11G-CDD-Ant2-2412



11G-CDD-Ant1-2437



11G-CDD-Ant2-2437



11G-CDD-Ant1-2462



11G-CDD-Ant2-2462