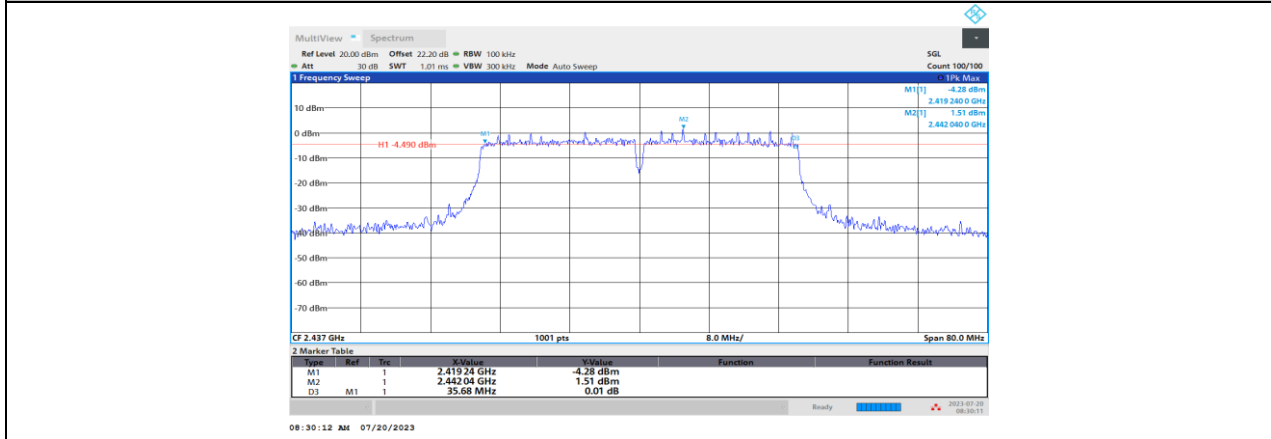
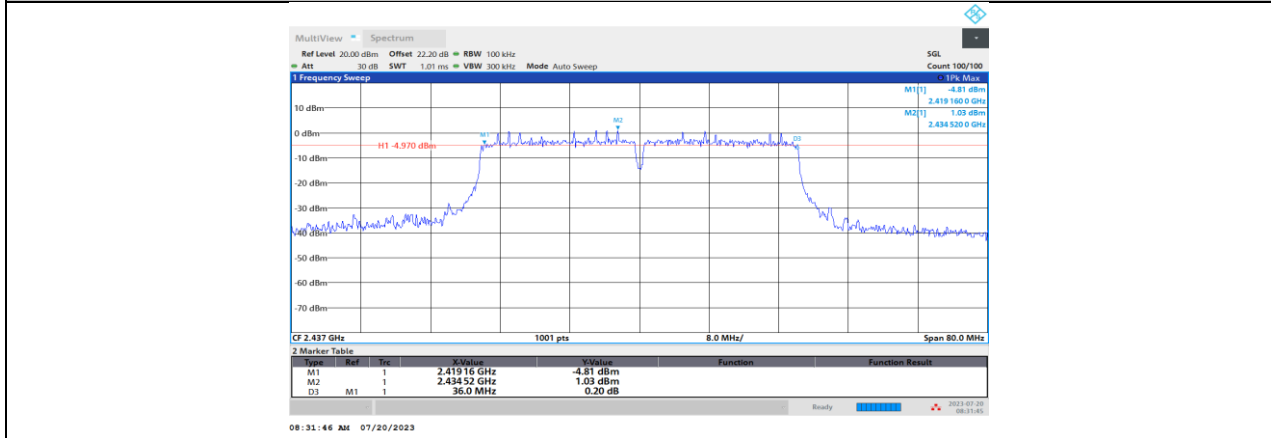


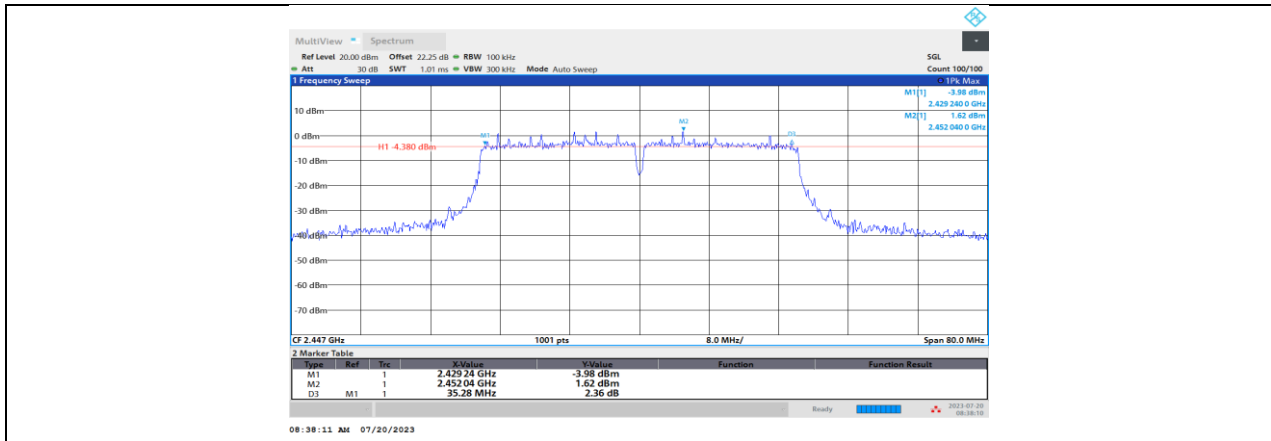
11N40MIMO\_Ant2\_2427



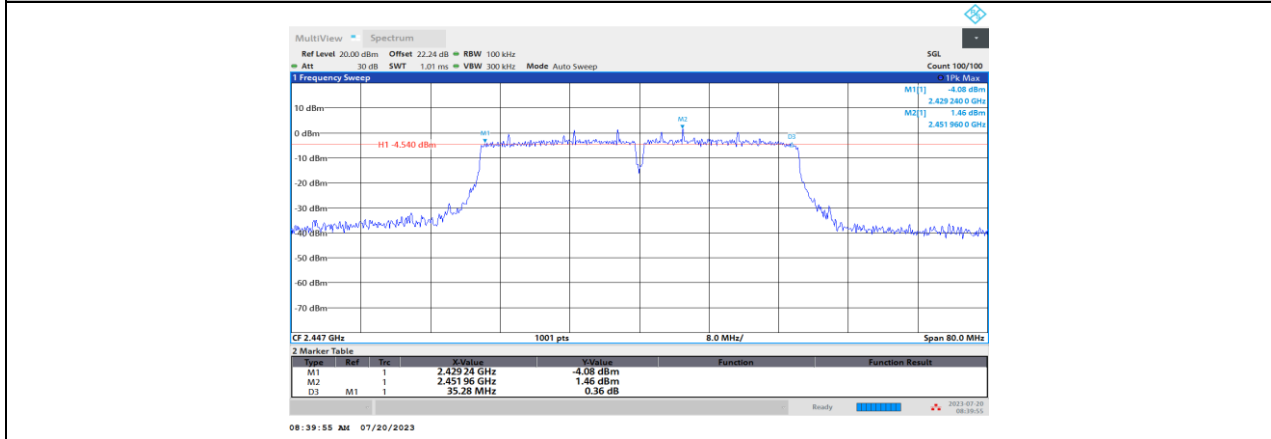
11N40MIMO\_Ant1\_2437



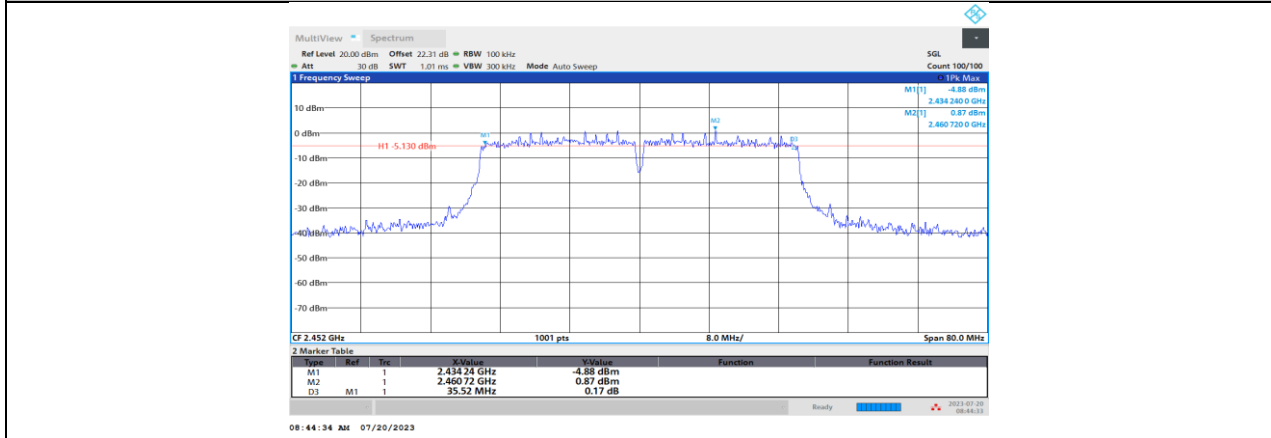
11N40MIMO\_Ant2\_2437



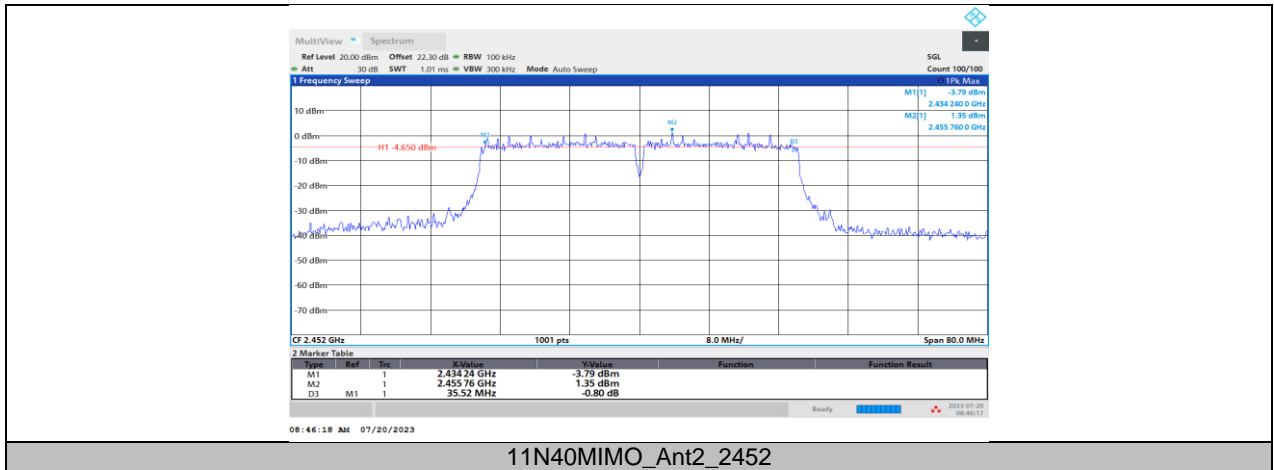
11N40MIMO\_Ant1\_2447



11N40MIMO\_Ant2\_2447



11N40MIMO\_Ant1\_2452



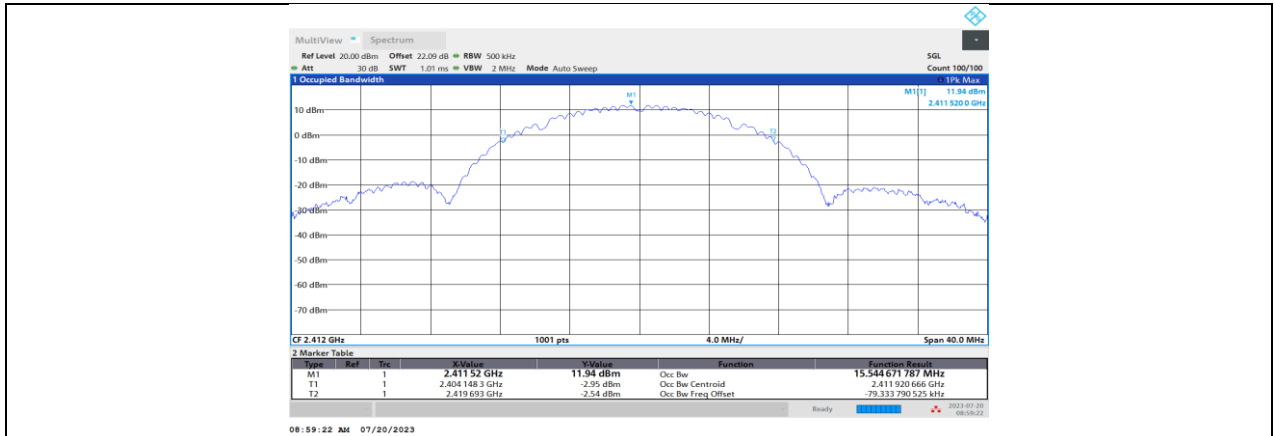
11N40MIMO\_Ant2\_2452

## 11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

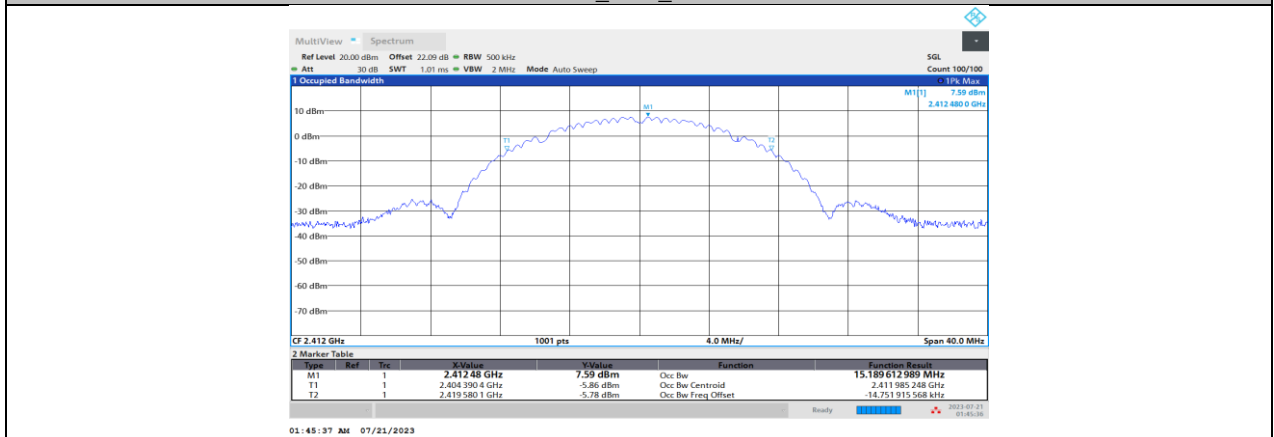
### 11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant1	2412	15.545	2404.1483	2419.6930	PASS
	Ant2	2412	15.19	2404.3904	2419.5801	PASS
	Ant1	2417	15.20	2409.3623	2424.5618	PASS
	Ant2	2417	15.197	2409.3827	2424.5799	PASS
	Ant1	2437	15.173	2429.3863	2444.5592	PASS
	Ant2	2437	15.185	2429.3926	2444.5773	PASS
	Ant1	2457	15.186	2449.3677	2464.5533	PASS
	Ant2	2457	15.205	2449.3717	2464.5768	PASS
	Ant1	2462	15.187	2454.3737	2469.5610	PASS
11G-CDD	Ant2	2462	15.209	2454.3674	2469.5760	PASS
	Ant1	2412	17.547	2403.2360	2420.7830	PASS
	Ant2	2412	17.434	2403.3145	2420.7485	PASS
	Ant1	2417	17.525	2408.2441	2425.7692	PASS
	Ant2	2417	17.433	2408.3611	2425.7941	PASS
	Ant1	2437	17.569	2428.1472	2445.7159	PASS
	Ant2	2437	17.46	2428.2404	2445.7001	PASS
	Ant1	2457	17.448	2448.1693	2465.6174	PASS
	Ant2	2457	17.446	2448.1993	2465.6453	PASS
11N20MIMO	Ant1	2462	17.634	2453.1692	2470.8037	PASS
	Ant2	2462	17.481	2453.2408	2470.7217	PASS
	Ant1	2412	18.439	2402.7693	2421.2083	PASS
	Ant2	2412	18.471	2402.7372	2421.2082	PASS
	Ant1	2417	18.644	2407.6907	2426.3349	PASS
	Ant2	2417	18.565	2407.7101	2426.2748	PASS
	Ant1	2437	18.448	2427.7511	2446.1994	PASS
	Ant2	2437	18.563	2427.6803	2446.2436	PASS
	Ant1	2457	18.555	2447.7229	2466.2779	PASS
11N40MIMO	Ant2	2457	18.523	2447.7114	2466.2344	PASS
	Ant1	2462	18.549	2452.7171	2471.2657	PASS
	Ant2	2462	18.607	2452.6656	2471.2724	PASS
	Ant1	2422	36.553	2403.7824	2440.3354	PASS
	Ant2	2422	36.653	2403.7620	2440.4150	PASS
	Ant1	2427	36.708	2408.6189	2445.3269	PASS
	Ant2	2427	36.744	2408.6510	2445.3950	PASS
	Ant1	2437	36.668	2418.6751	2455.3429	PASS
	Ant2	2437	36.676	2418.6415	2455.3176	PASS
11N40MIMO	Ant1	2447	36.646	2428.7806	2465.4266	PASS
	Ant2	2447	36.651	2428.7863	2465.4373	PASS
	Ant1	2452	36.712	2433.6342	2470.3462	PASS
	Ant2	2452	36.747	2433.6306	2470.3776	PASS

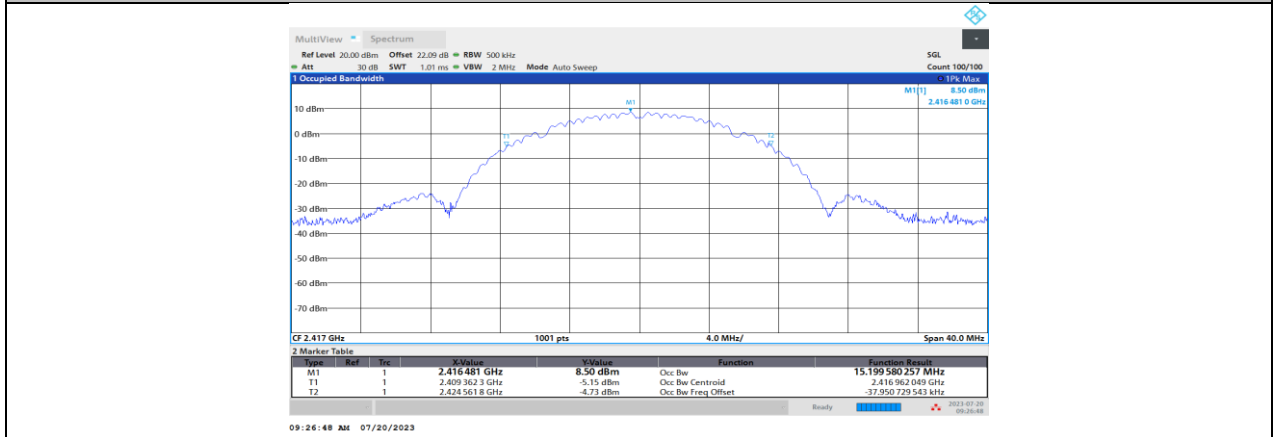
### 11.2.2. Test Graphs



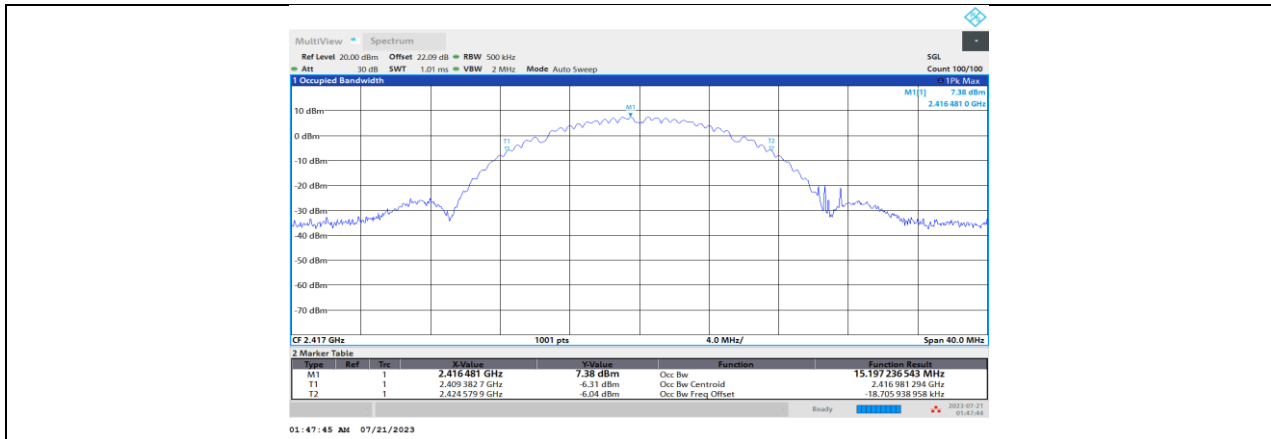
11B\_Ant1\_2412



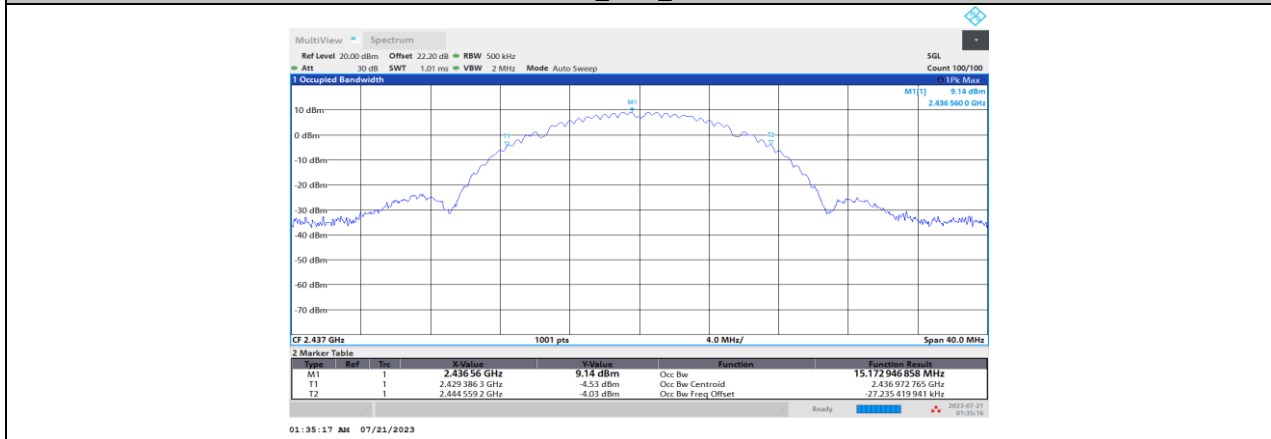
11B\_Ant2\_2412



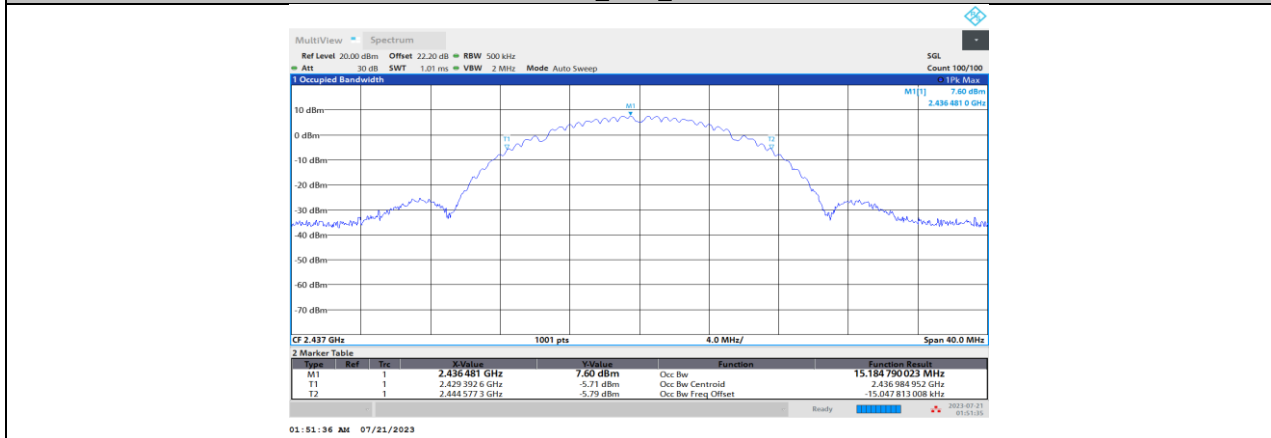
11B\_Ant1\_2417



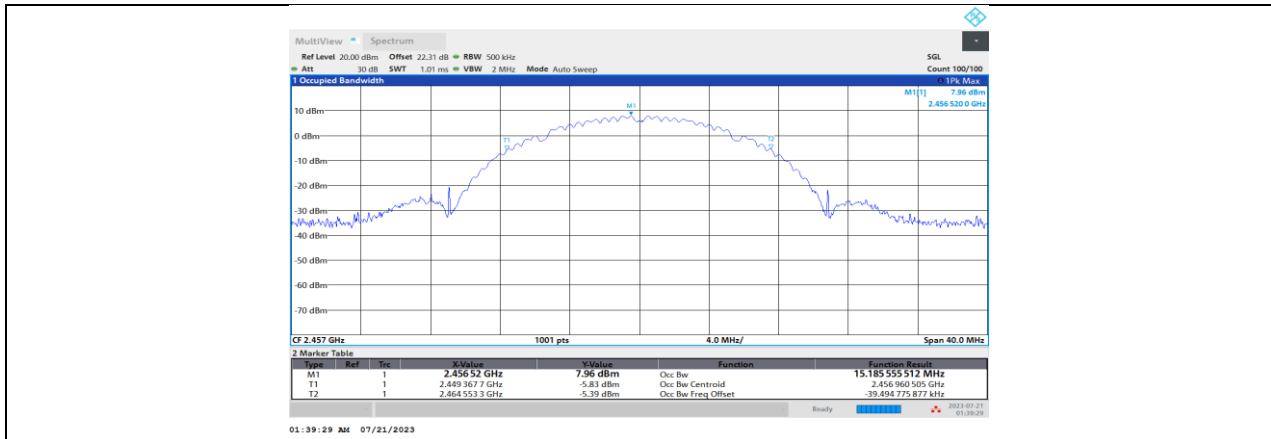
11B\_Ant2\_2417



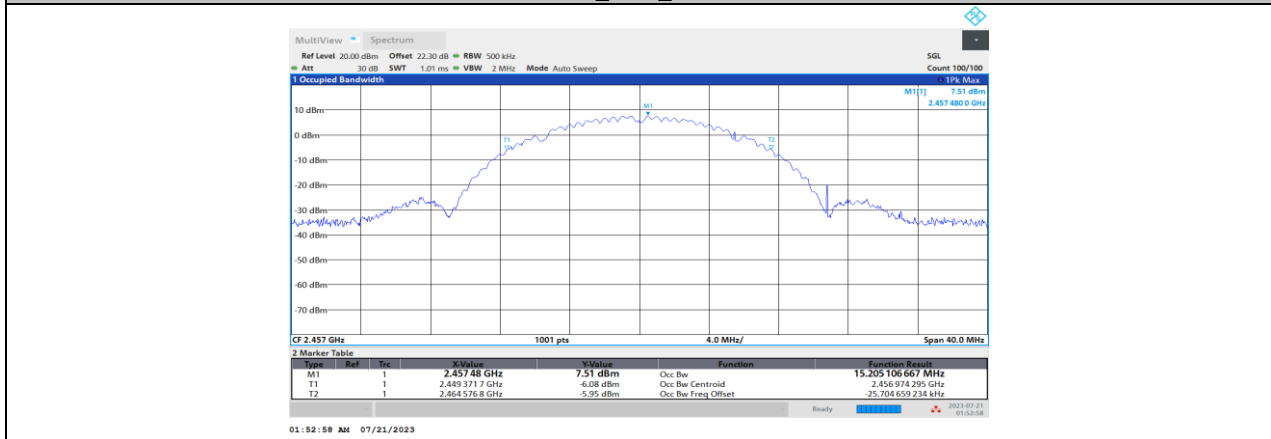
11B\_Ant1\_2437



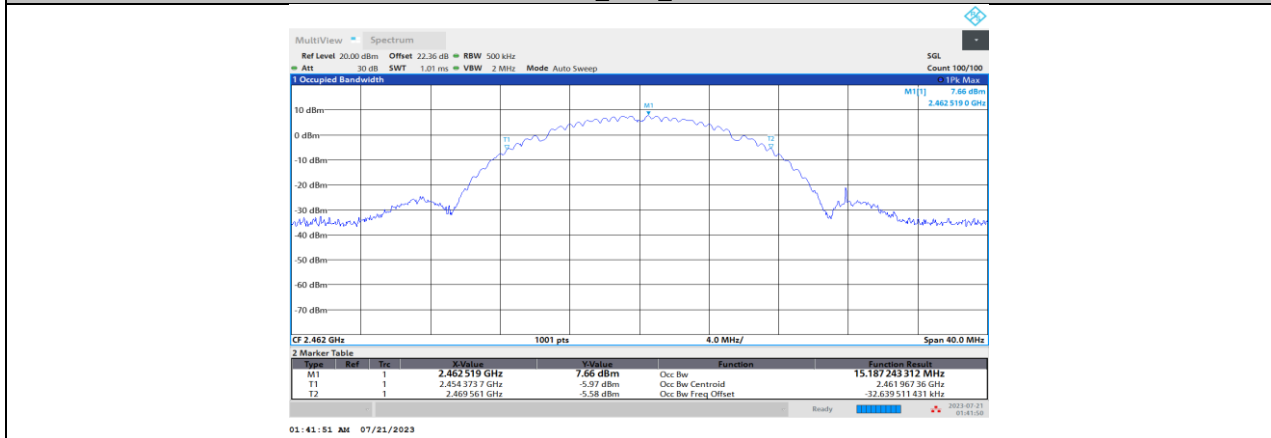
11B\_Ant2\_2437



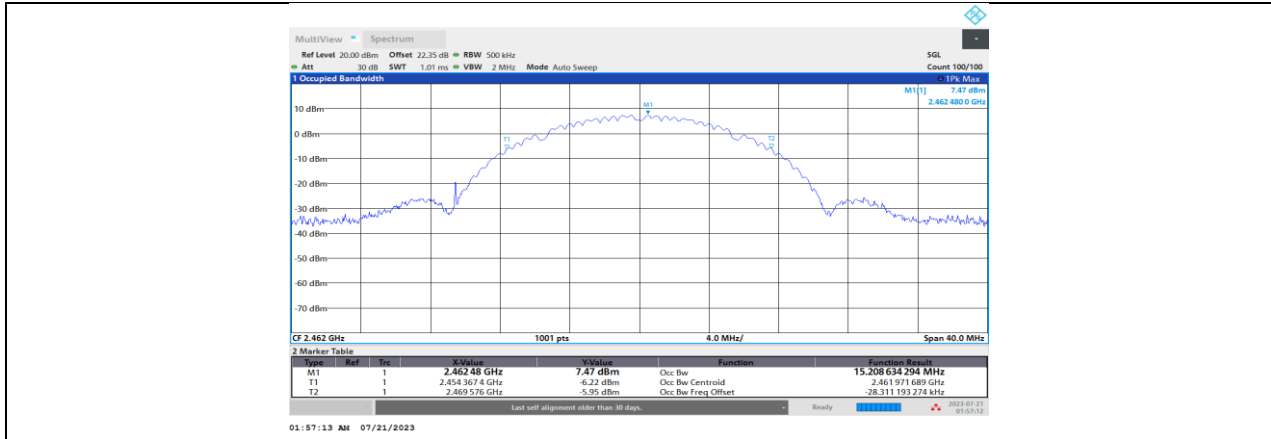
11B\_Ant1\_2457



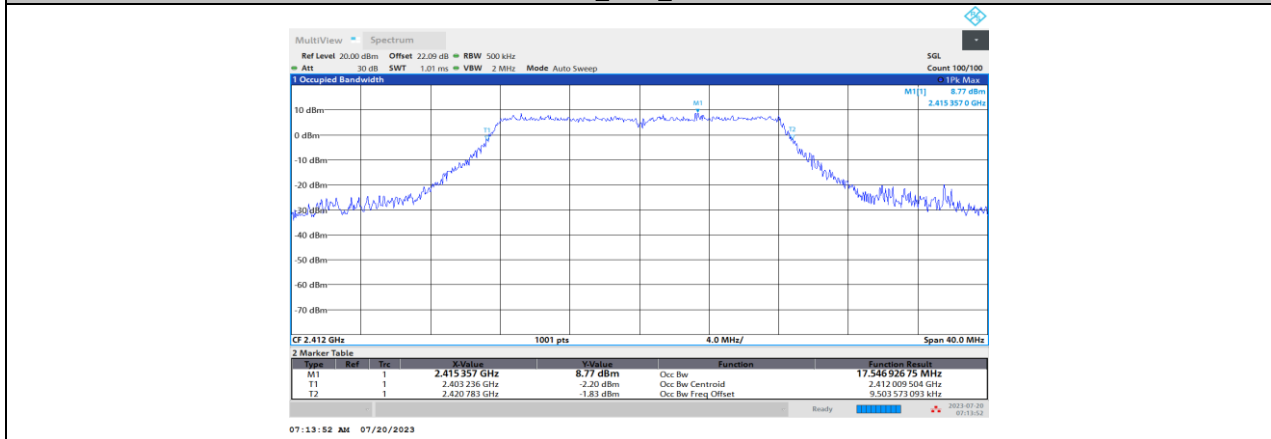
11B\_Ant2\_2457



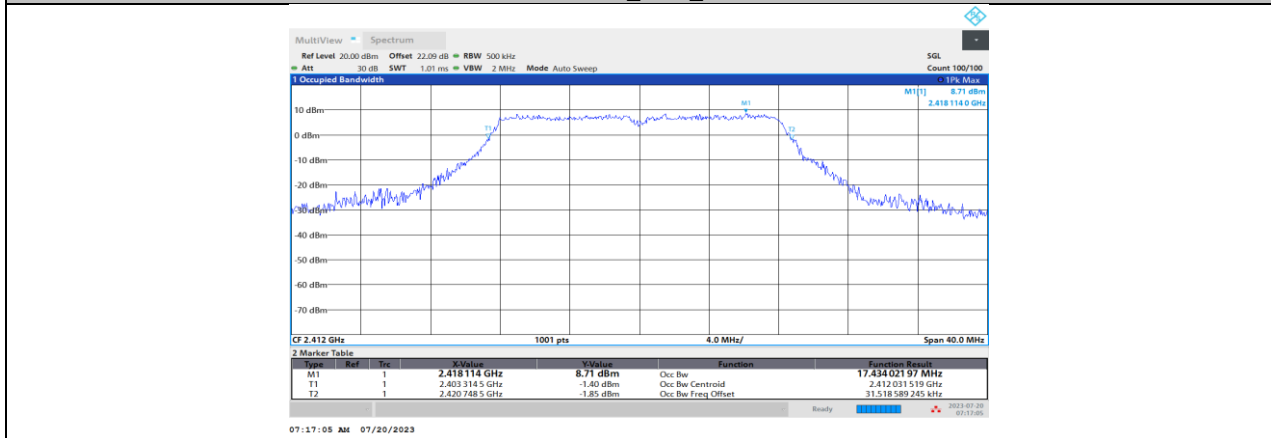
11B\_Ant1\_2462



11B\_Ant2\_2462

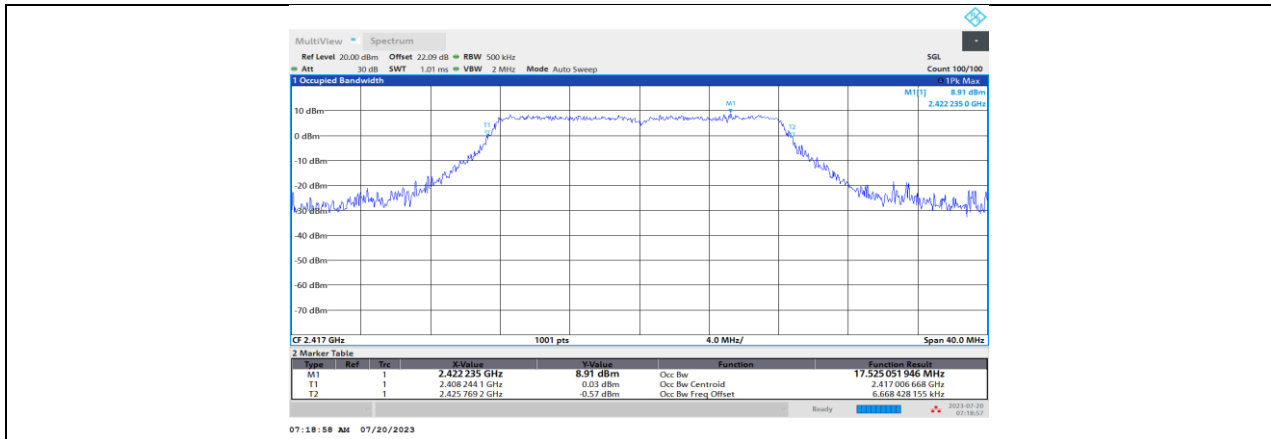


11G-CDD\_Ant1\_2412

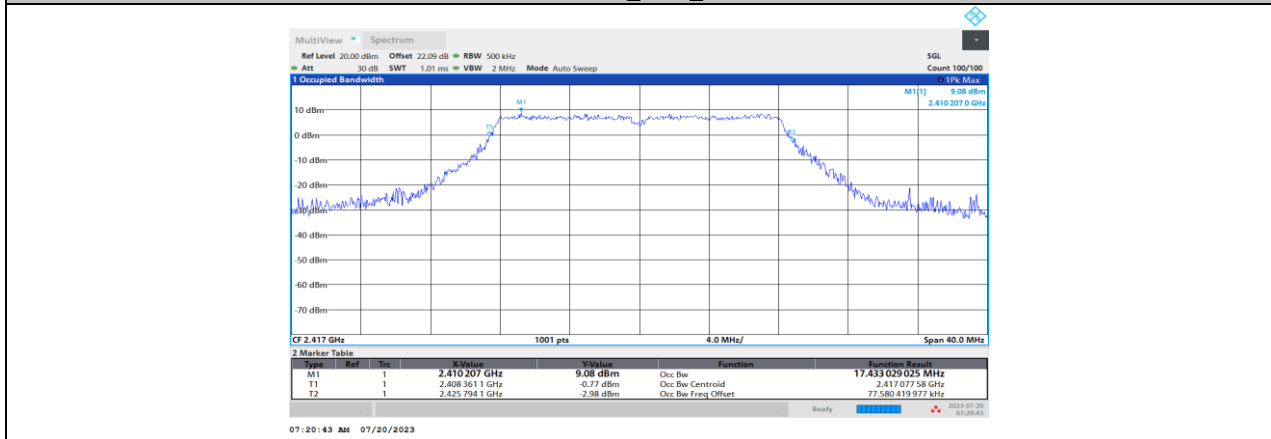


11G-CDD\_Ant2\_2412

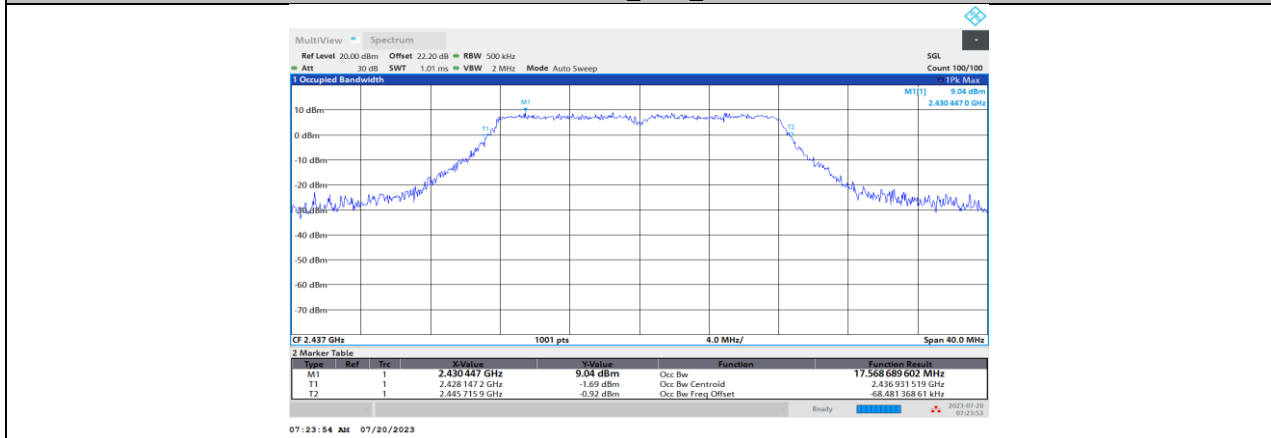




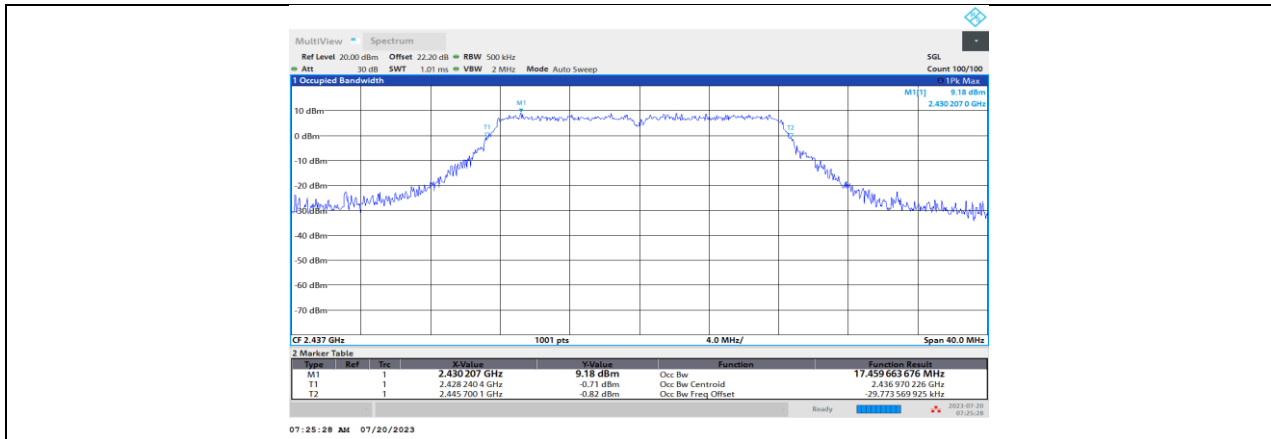
11G-CDD\_Ant1\_2417



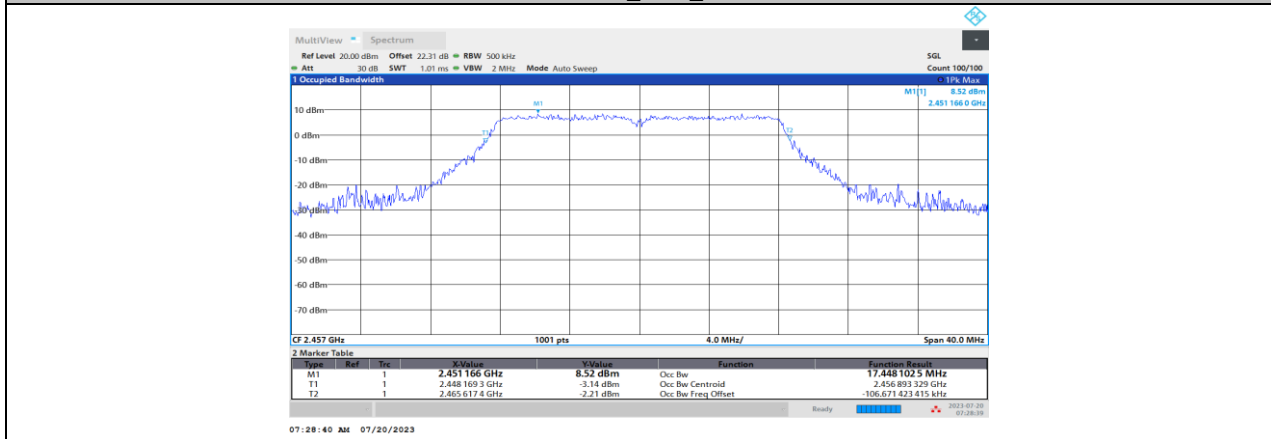
11G-CDD\_Ant2\_2417



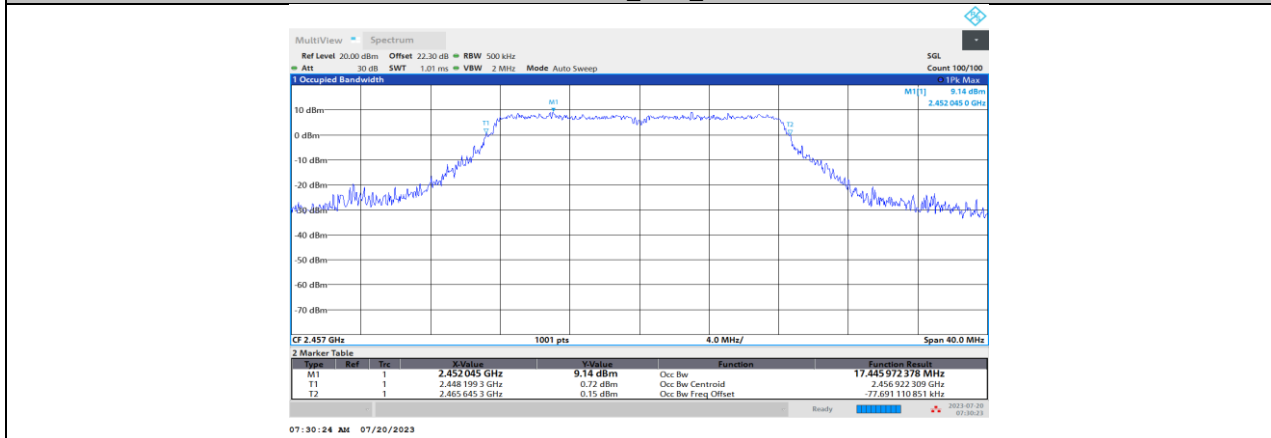
11G-CDD\_Ant1\_2437



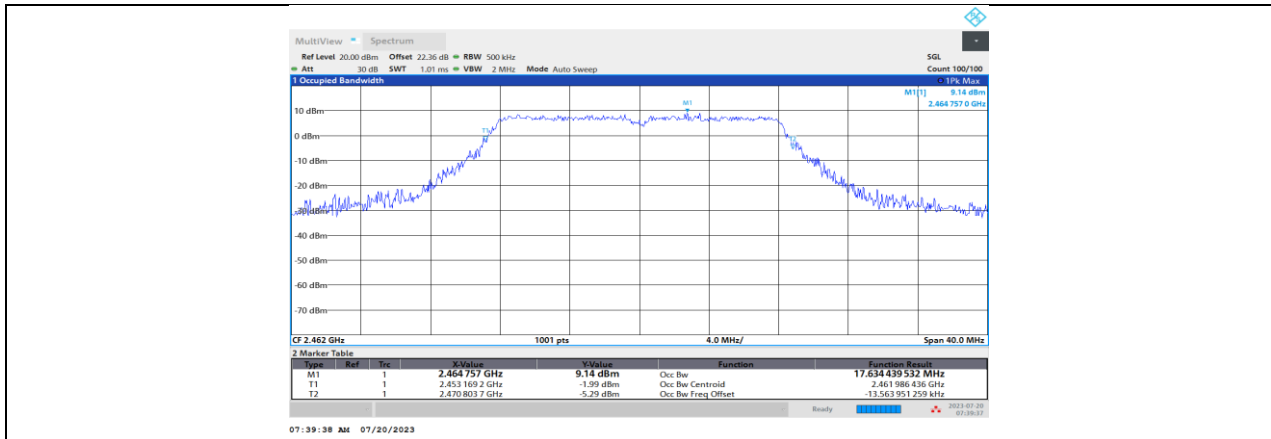
11G-CDD\_Ant2\_2437



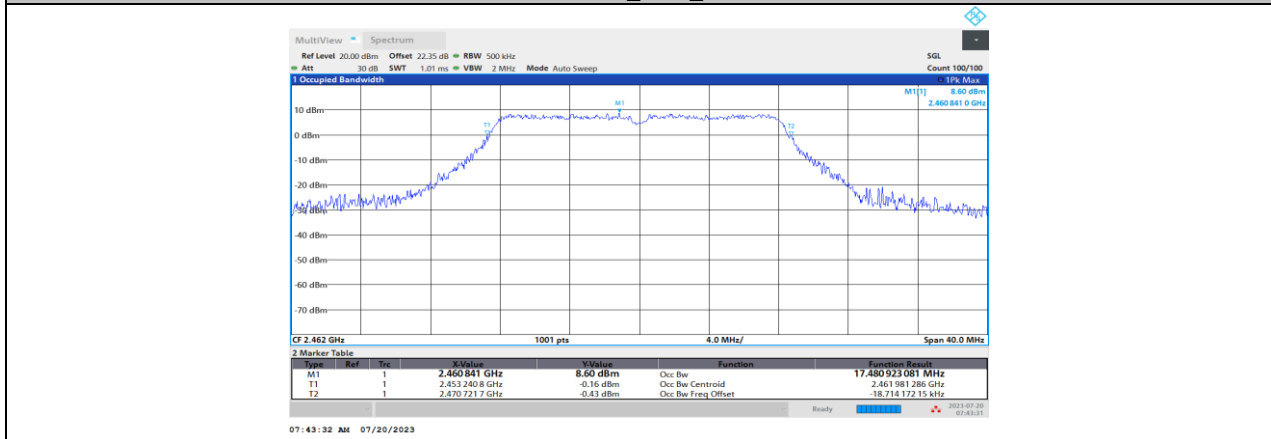
11G-CDD\_Ant1\_2457



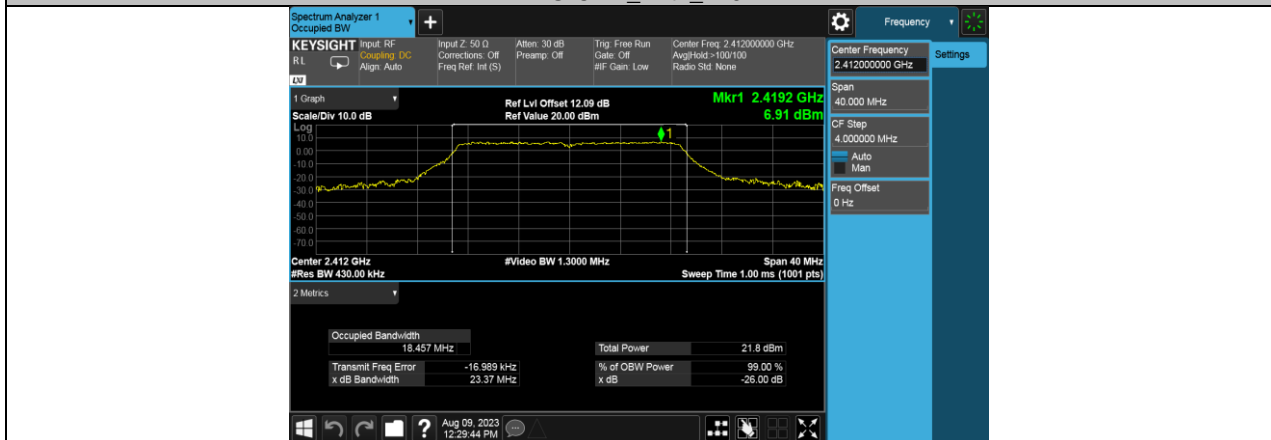
11G-CDD\_Ant2\_2457



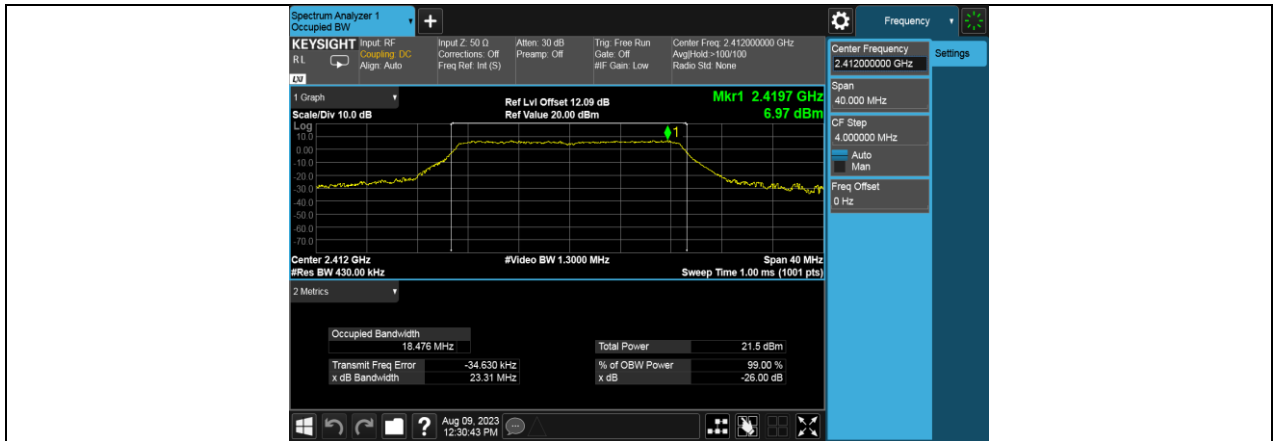
11G-CDD\_Ant1\_2462



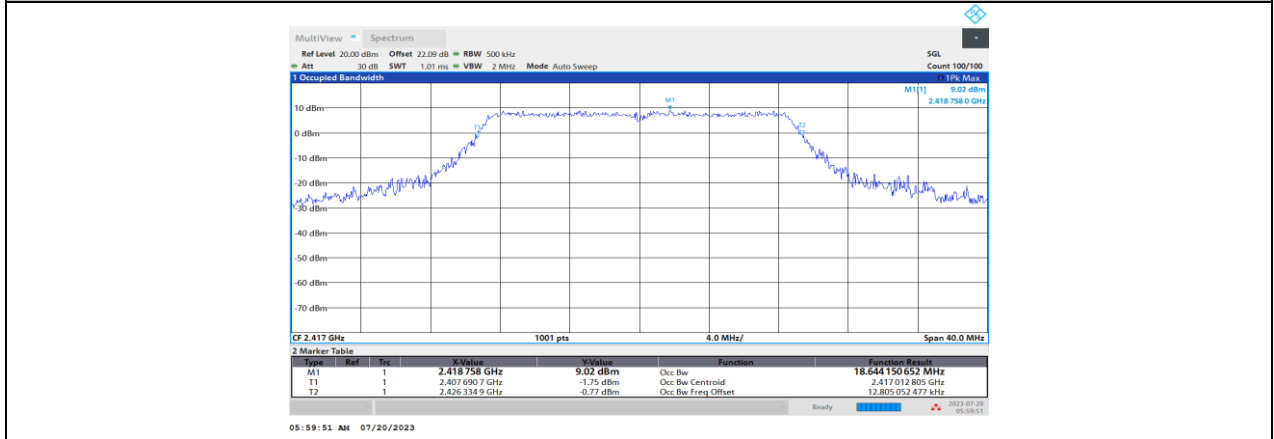
11G-CDD\_Ant2\_2462



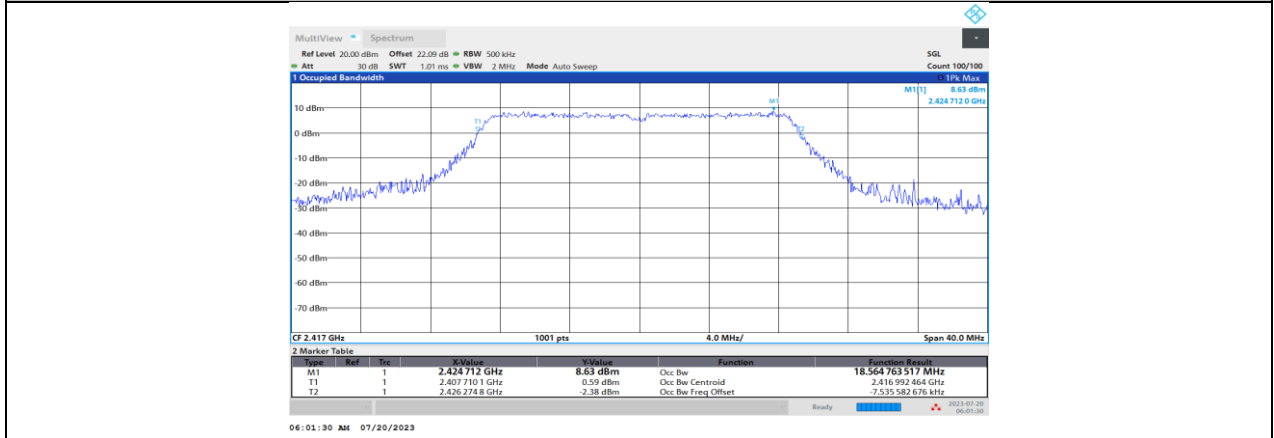
11N20MIMO\_Ant1\_2412



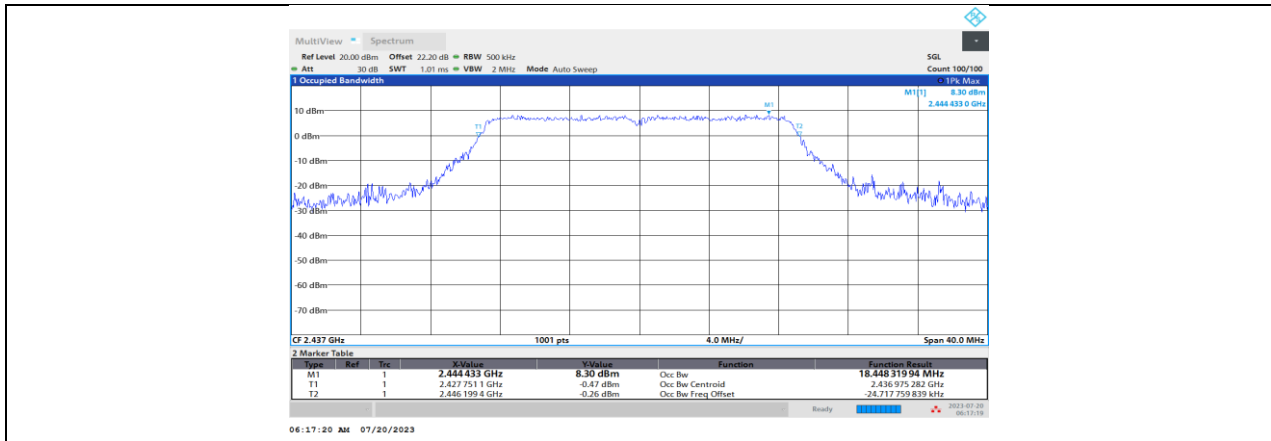
11N20MIMO\_Ant2\_2412



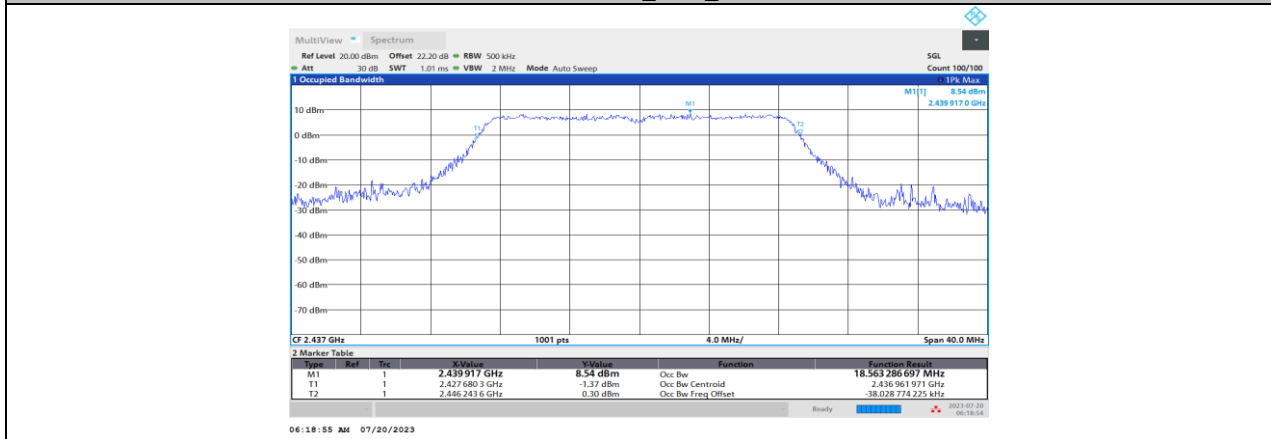
11N20MIMO\_Ant1\_2417



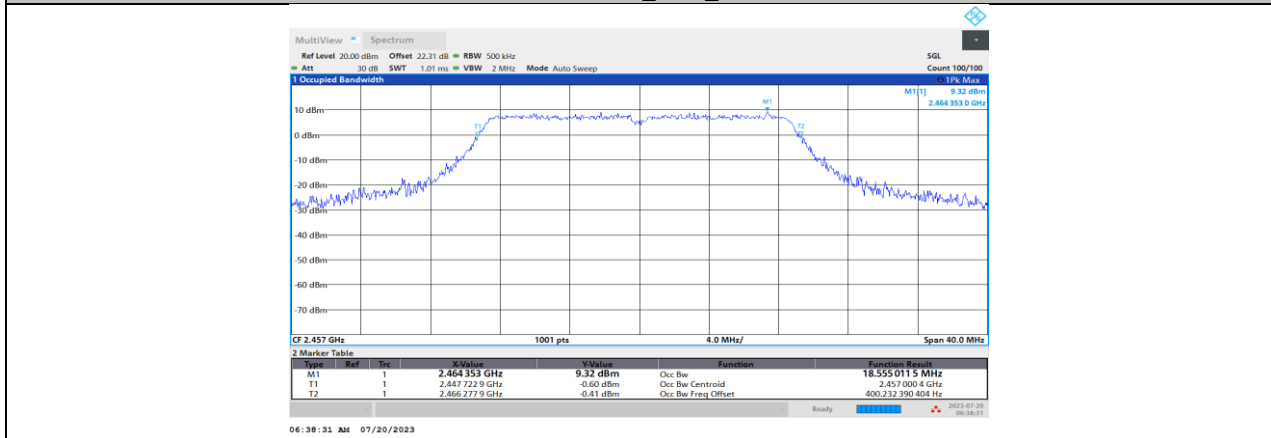
11N20MIMO\_Ant2\_2417



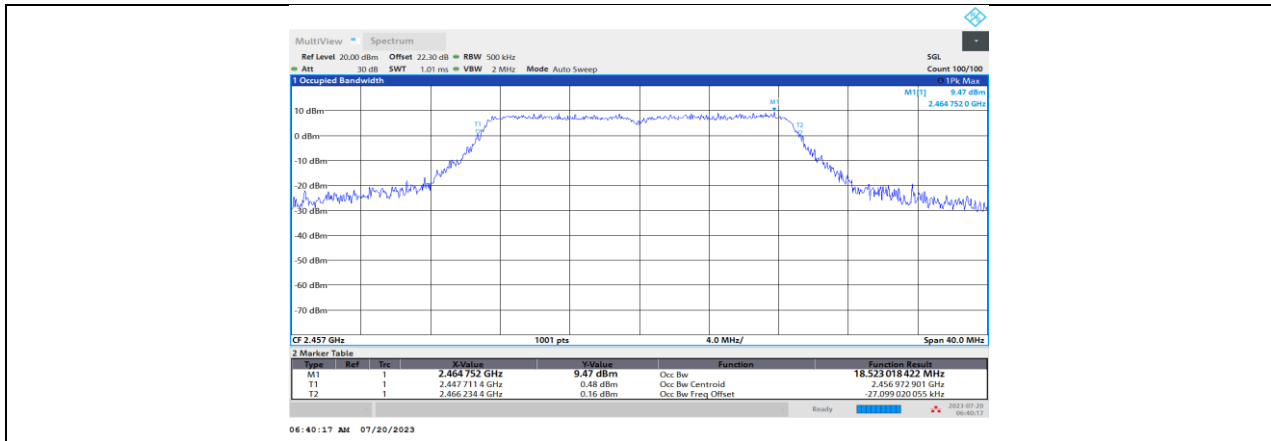
11N20MIMO\_Ant1\_2437



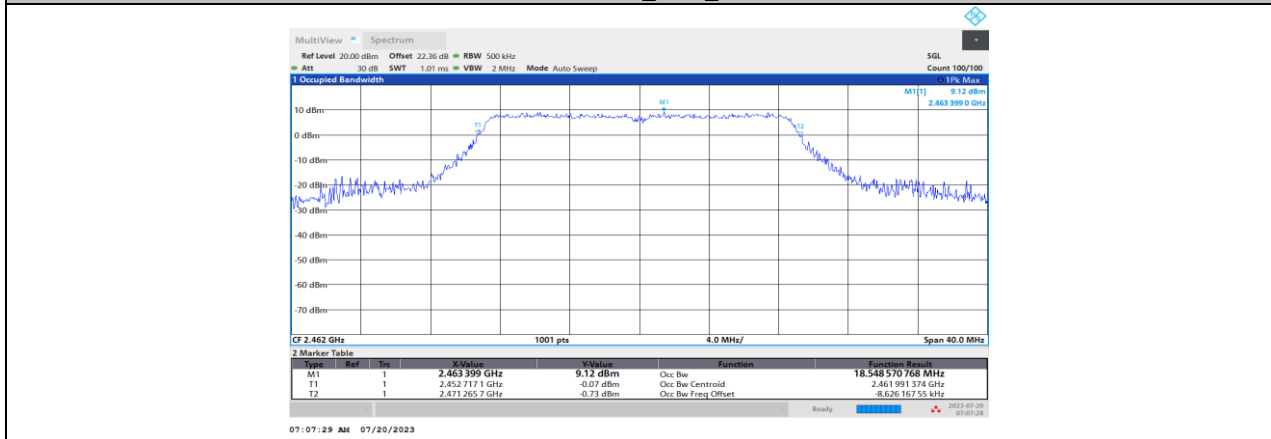
11N20MIMO\_Ant2\_2437



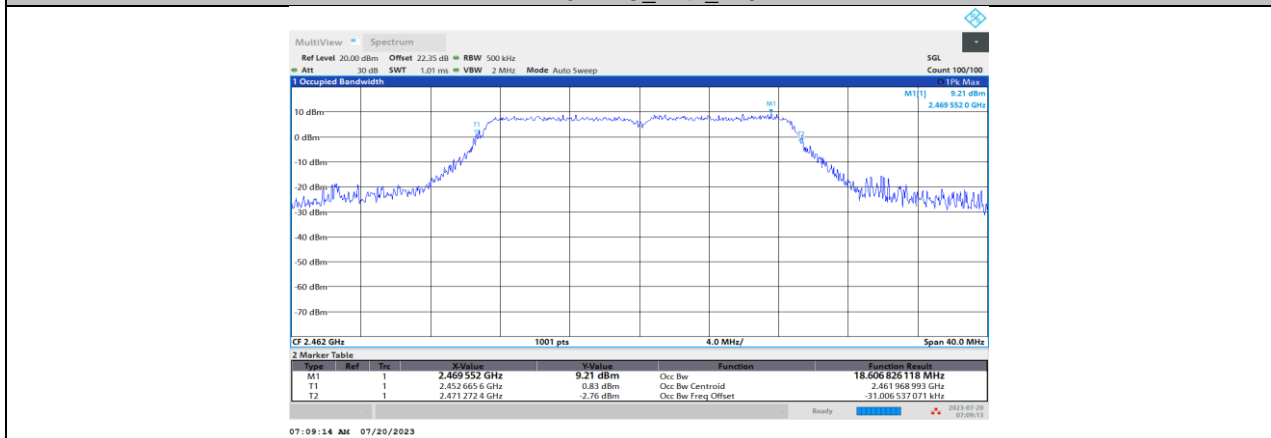
11N20MIMO\_Ant1\_2457



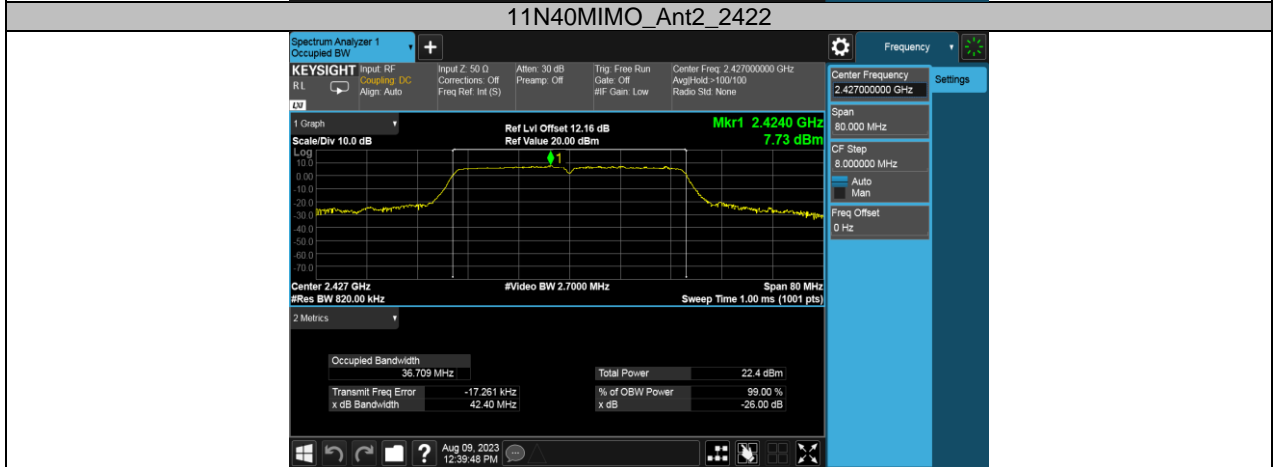
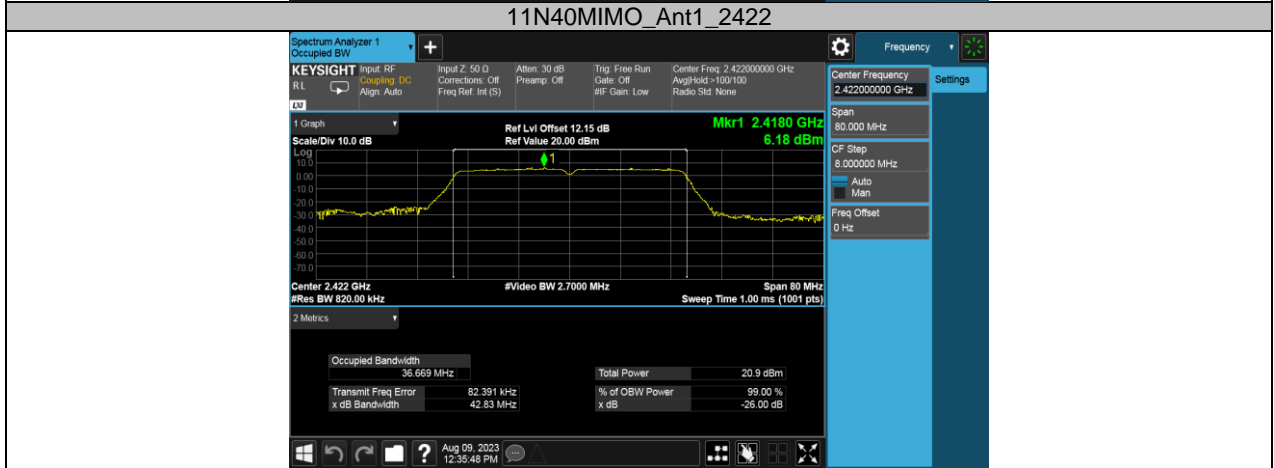
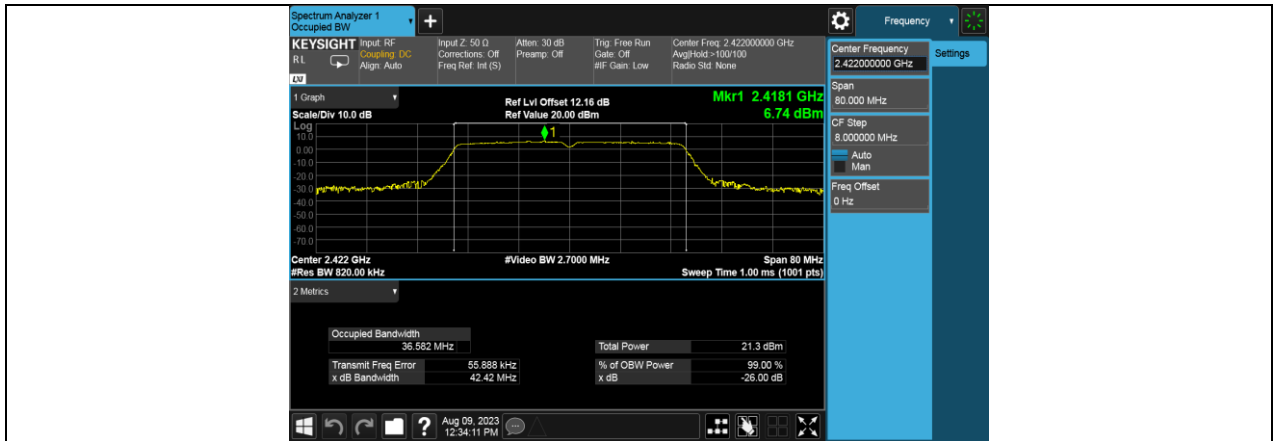
11N20MIMO\_Ant2\_2457



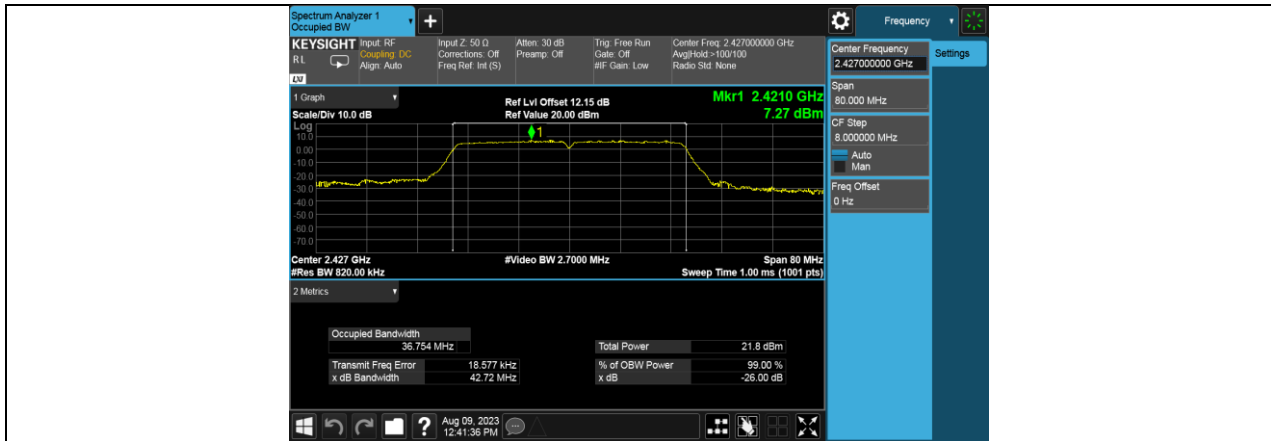
11N20MIMO\_Ant1\_2462



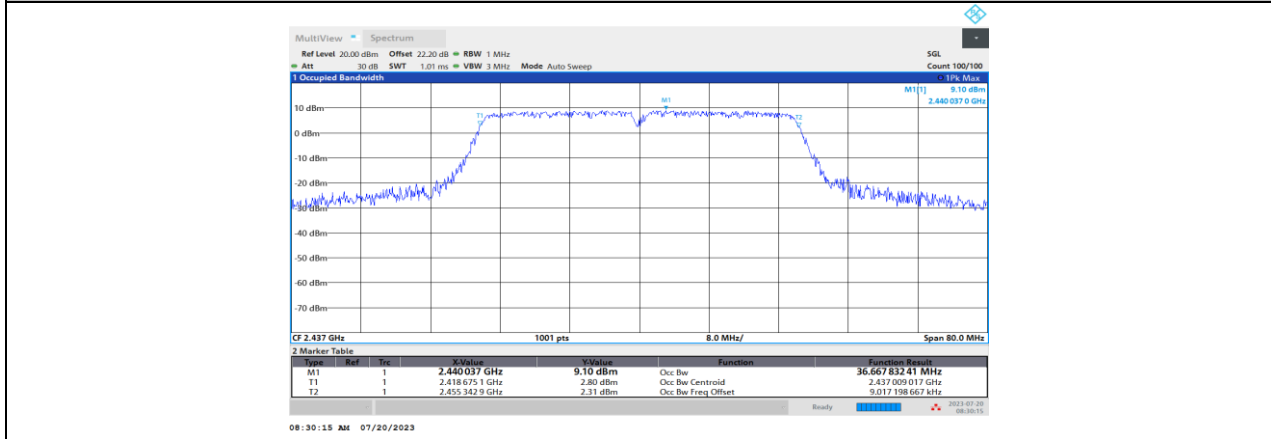
11N20MIMO\_Ant2\_2462



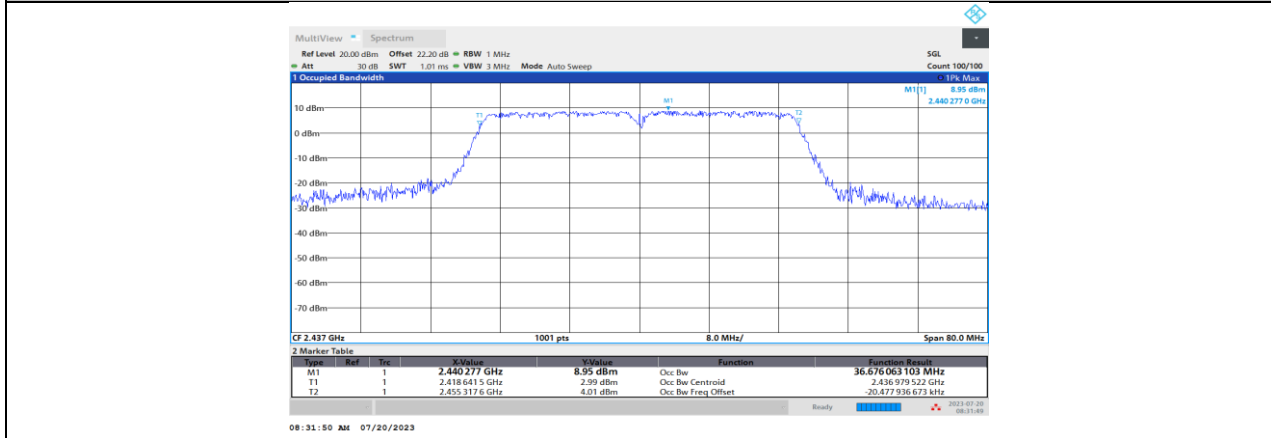
**11N40MIMO\_Ant1\_2427**



11N40MIMO\_Ant2\_2427

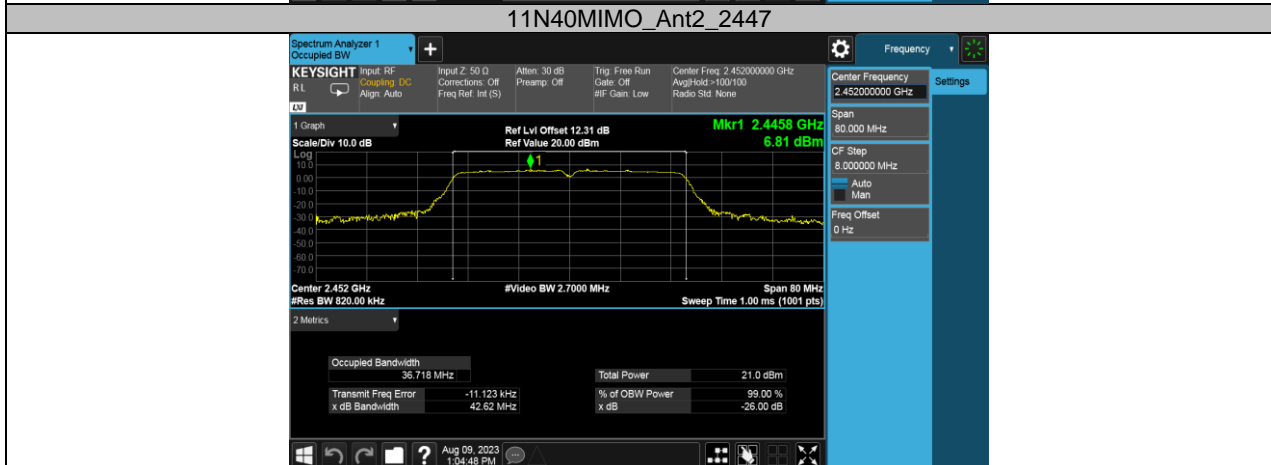
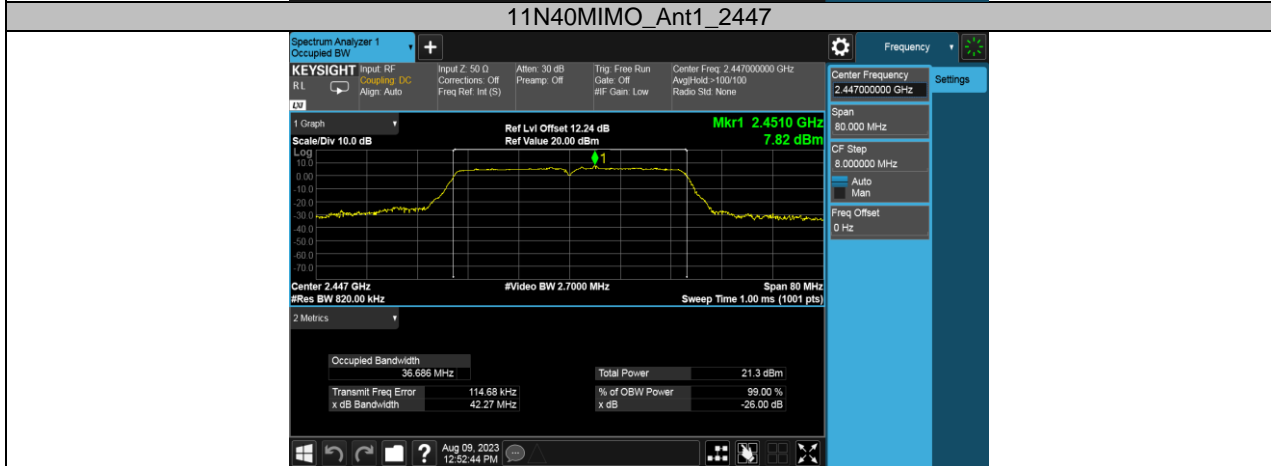
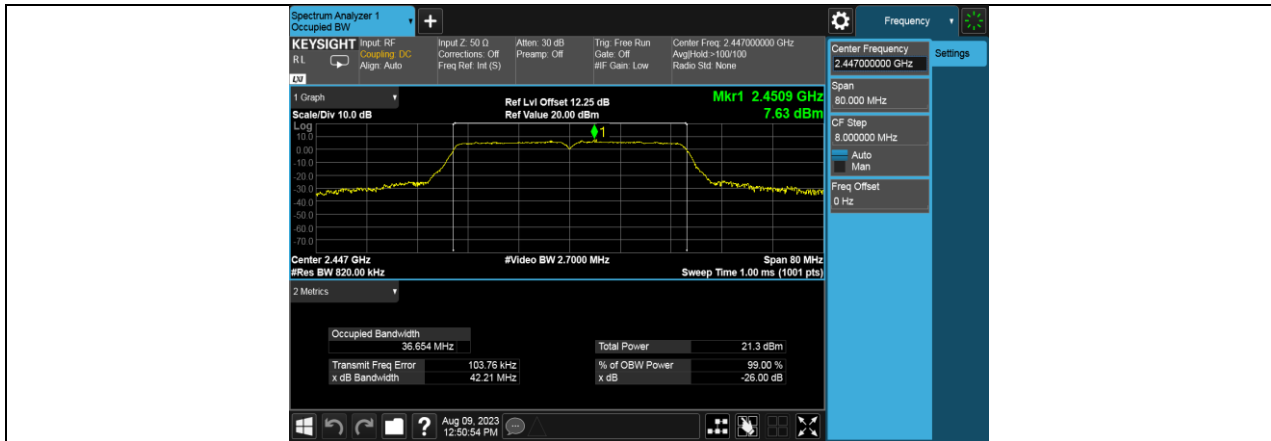


11N40MIMO\_Ant1\_2437

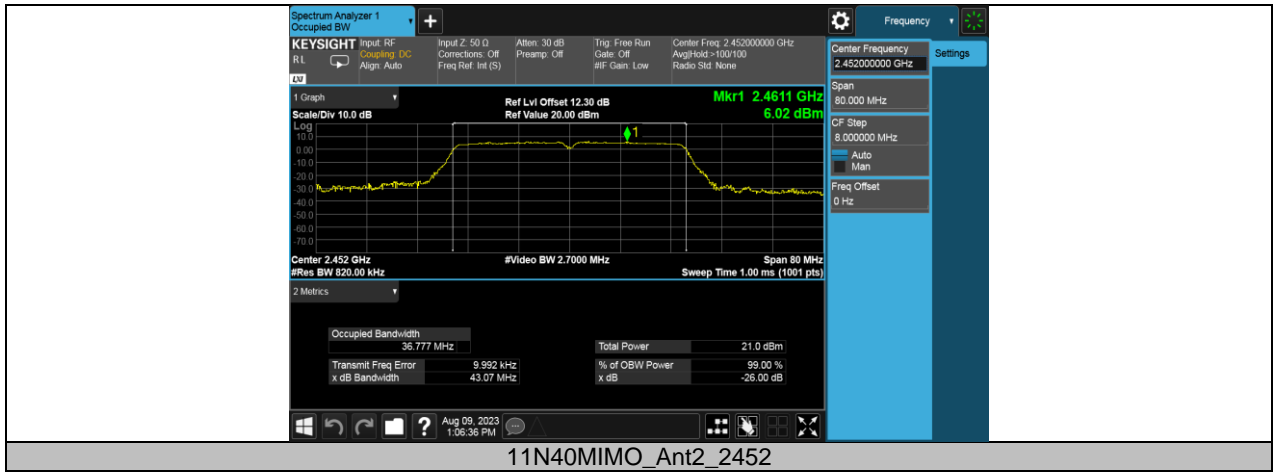


11N40MIMO\_Ant2\_2437





**11N40MIMO\_Ant1\_2452**



### 11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

#### 11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.69	≤30.00	PASS
	Ant2	2412	15.46	≤30.00	PASS
	Ant1	2417	15.51	≤30.00	PASS
	Ant2	2417	15.38	≤30.00	PASS
	Ant1	2437	15.36	≤30.00	PASS
	Ant2	2437	15.51	≤30.00	PASS
	Ant1	2457	15.85	≤30.00	PASS
	Ant2	2457	15.48	≤30.00	PASS
	Ant1	2462	15.64	≤30.00	PASS
Ant2	2462	15.39	≤30.00	PASS	
11G-CDD	Ant1	2412	15.14	≤30.00	PASS
	Ant2	2412	15.01	≤30.00	PASS
	total	2412	18.09	≤30.00	PASS
	Ant1	2417	15.37	≤30.00	PASS
	Ant2	2417	15.13	≤30.00	PASS
	total	2417	18.26	≤30.00	PASS
	Ant1	2437	15.19	≤30.00	PASS
	Ant2	2437	15.22	≤30.00	PASS
	total	2437	18.22	≤30.00	PASS
	Ant1	2457	15.03	≤30.00	PASS
	Ant2	2457	15.46	≤30.00	PASS
	total	2457	18.26	≤30.00	PASS
	Ant1	2462	15.01	≤30.00	PASS
	Ant2	2462	15.36	≤30.00	PASS
	total	2462	18.20	≤30.00	PASS
11N20MIMO	Ant1	2412	14.71	≤30.00	PASS
	Ant2	2412	14.46	≤30.00	PASS
	total	2412	17.60	≤30.00	PASS
	Ant1	2417	15.21	≤30.00	PASS
	Ant2	2417	15.04	≤30.00	PASS
	total	2417	18.14	≤30.00	PASS
	Ant1	2437	15.18	≤30.00	PASS
	Ant2	2437	15.32	≤30.00	PASS
	total	2437	18.26	≤30.00	PASS
	Ant1	2457	15.14	≤30.00	PASS
	Ant2	2457	15.56	≤30.00	PASS
	total	2457	18.37	≤30.00	PASS
	Ant1	2462	15.24	≤30.00	PASS
	Ant2	2462	15.56	≤30.00	PASS
	total	2462	18.41	≤30.00	PASS
11N40MIMO	Ant1	2422	13.57	≤30.00	PASS
	Ant2	2422	13.41	≤30.00	PASS
	total	2422	16.50	≤30.00	PASS
	Ant1	2427	14.54	≤30.00	PASS
	Ant2	2427	14.44	≤30.00	PASS
	total	2427	17.50	≤30.00	PASS
	Ant1	2437	15.04	≤30.00	PASS
	Ant2	2437	15.24	≤30.00	PASS
	total	2437	18.15	≤30.00	PASS
	Ant1	2447	14.08	≤30.00	PASS
	Ant2	2447	13.72	≤30.00	PASS
	total	2447	16.91	≤30.00	PASS
	Ant1	2452	13.59	≤30.00	PASS
	Ant2	2452	13.81	≤30.00	PASS
	total	2452	16.71	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test

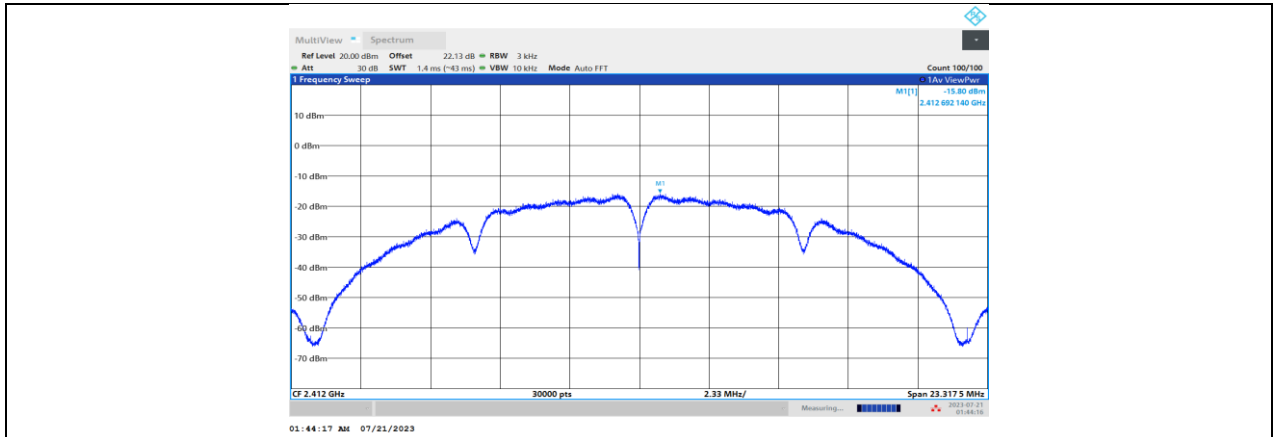
## 11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

### 11.4.1. Test Result

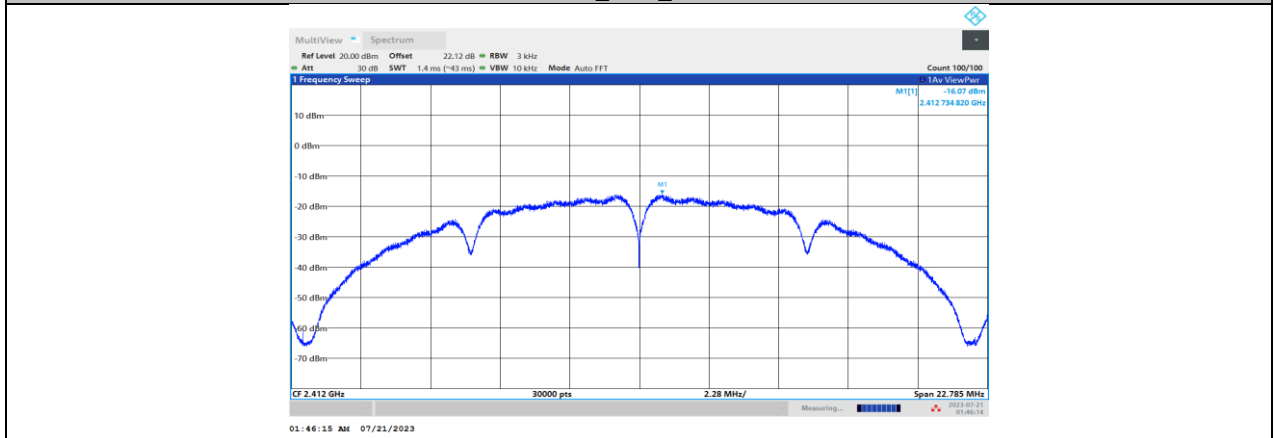
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.8	≤8.00	PASS
	Ant2	2412	-16.07	≤8.00	PASS
	Ant1	2417	-16.25	≤8.00	PASS
	Ant2	2417	-16.37	≤8.00	PASS
	Ant1	2437	-16.25	≤8.00	PASS
	Ant2	2437	-16.36	≤8.00	PASS
	Ant1	2457	-15.95	≤8.00	PASS
	Ant2	2457	-16.2	≤8.00	PASS
	Ant1	2462	-15.96	≤8.00	PASS
Ant2	2462	-16.26	≤8.00	PASS	
11G-CDD	Ant1	2412	-16.23	≤8.00	PASS
	Ant2	2412	-16	≤8.00	PASS
	total	2412	-13.10	≤8.00	PASS
	Ant1	2417	-16.08	≤8.00	PASS
	Ant2	2417	-16.47	≤8.00	PASS
	total	2417	-13.26	≤8.00	PASS
	Ant1	2437	-16.4	≤8.00	PASS
	Ant2	2437	-16.27	≤8.00	PASS
	total	2437	-13.32	≤8.00	PASS
	Ant1	2457	-15.89	≤8.00	PASS
	Ant2	2457	-15.9	≤8.00	PASS
	total	2457	-12.88	≤8.00	PASS
	Ant1	2462	-16.12	≤8.00	PASS
	Ant2	2462	-16.25	≤8.00	PASS
	total	2462	-13.17	≤8.00	PASS
11N20MIMO	Ant1	2412	-14.98	≤8.00	PASS
	Ant2	2412	-16.15	≤8.00	PASS
	total	2412	-12.52	≤8.00	PASS
	Ant1	2417	-16.18	≤8.00	PASS
	Ant2	2417	-16.57	≤8.00	PASS
	total	2417	-13.36	≤8.00	PASS
	Ant1	2437	-15.8	≤8.00	PASS
	Ant2	2437	-15.68	≤8.00	PASS
	total	2437	-12.73	≤8.00	PASS
	Ant1	2457	-16.04	≤8.00	PASS
	Ant2	2457	-15.72	≤8.00	PASS
	total	2457	-12.87	≤8.00	PASS
	Ant1	2462	-15.57	≤8.00	PASS
	Ant2	2462	-16.23	≤8.00	PASS
	total	2462	-12.88	≤8.00	PASS
11N40MIMO	Ant1	2422	-20.12	≤8.00	PASS
	Ant2	2422	-19.76	≤8.00	PASS
	total	2422	-16.93	≤8.00	PASS
	Ant1	2427	-17.87	≤8.00	PASS
	Ant2	2427	-17.85	≤8.00	PASS
	total	2427	-14.85	≤8.00	PASS
	Ant1	2437	-18.13	≤8.00	PASS
	Ant2	2437	-17.93	≤8.00	PASS
	total	2437	-15.02	≤8.00	PASS
	Ant1	2447	-18.66	≤8.00	PASS
	Ant2	2447	-18.47	≤8.00	PASS
	total	2447	-15.55	≤8.00	PASS
	Ant1	2452	-17.7	≤8.00	PASS
	Ant2	2452	-18.25	≤8.00	PASS
	total	2452	-14.96	≤8.00	PASS

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

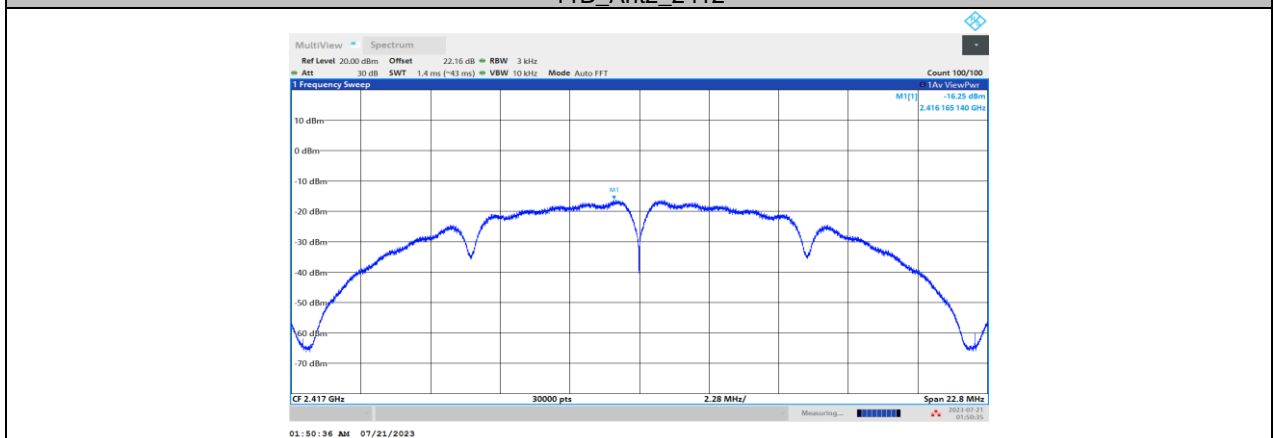
### 11.4.2. Test Graphs



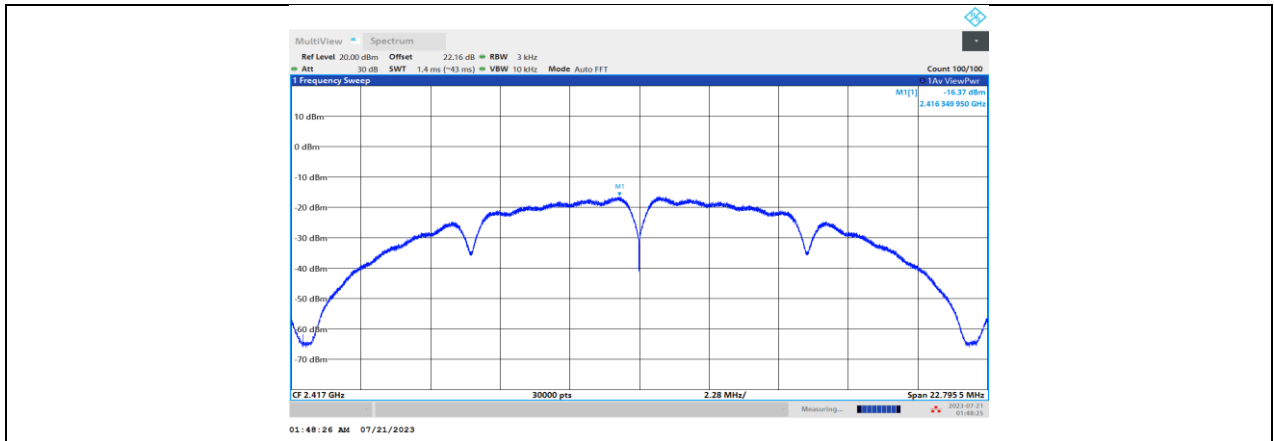
11B\_Ant1\_2412



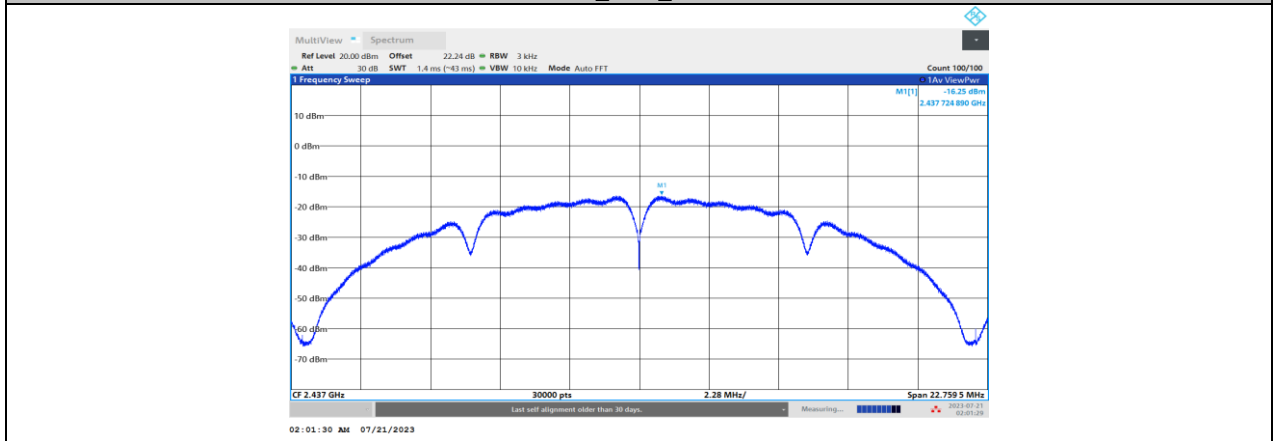
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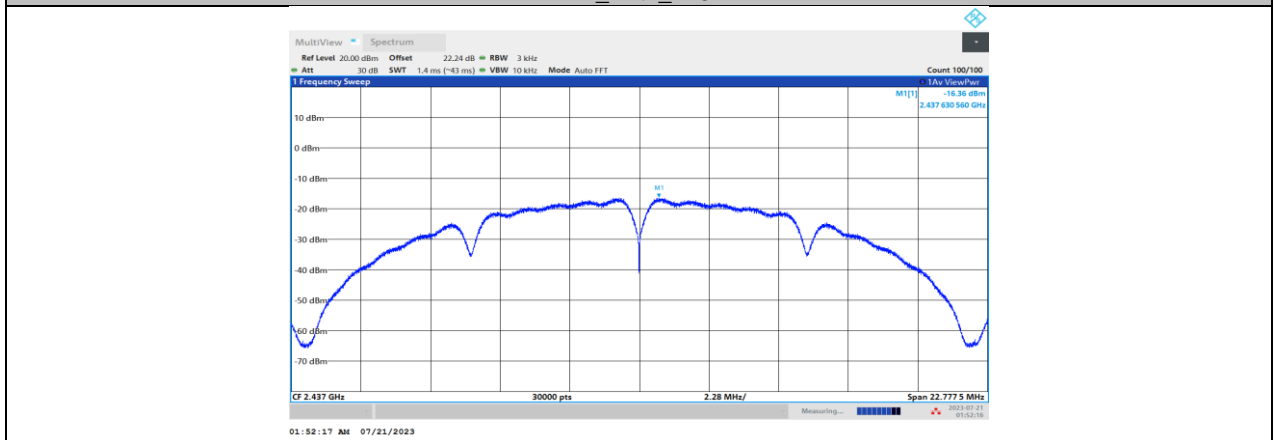
11B\_Ant1\_2417



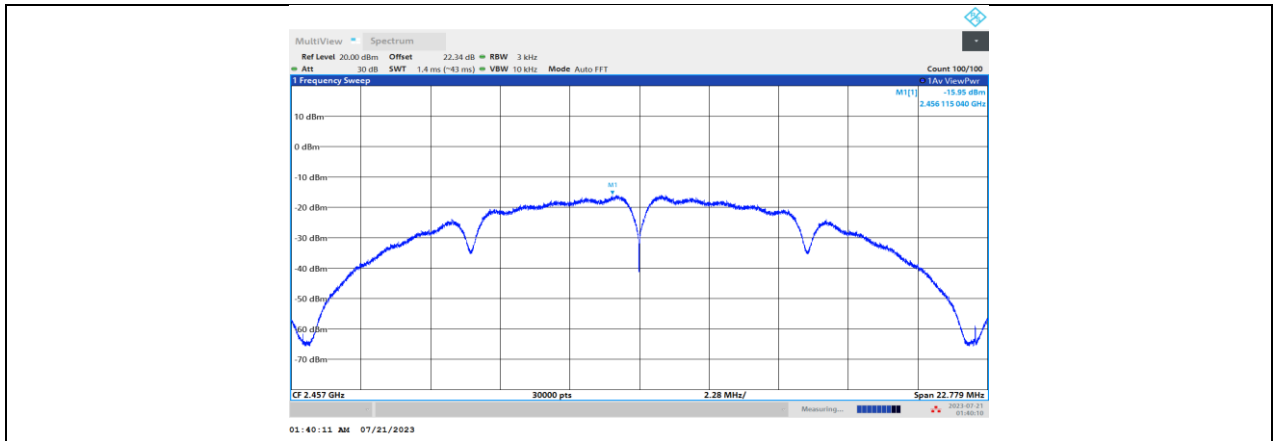
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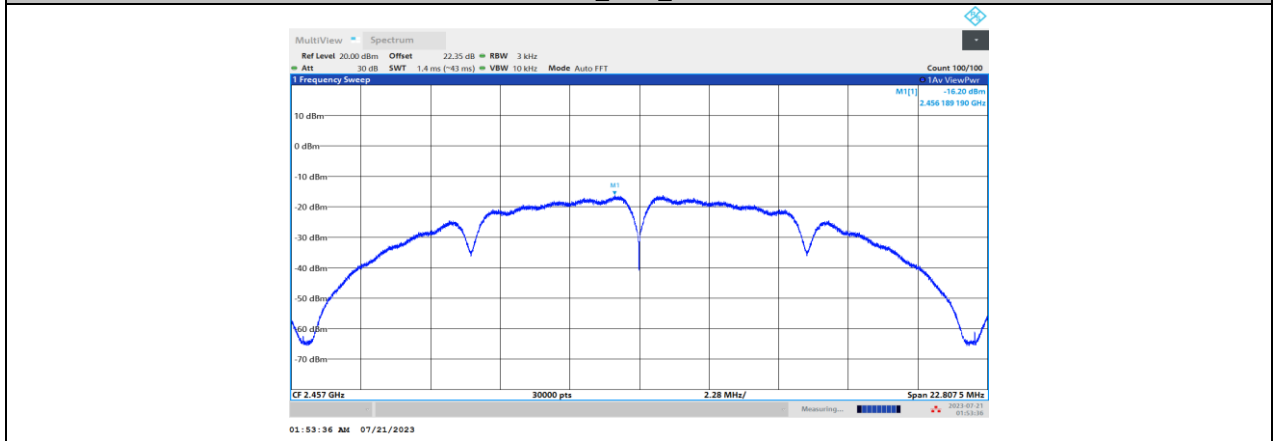
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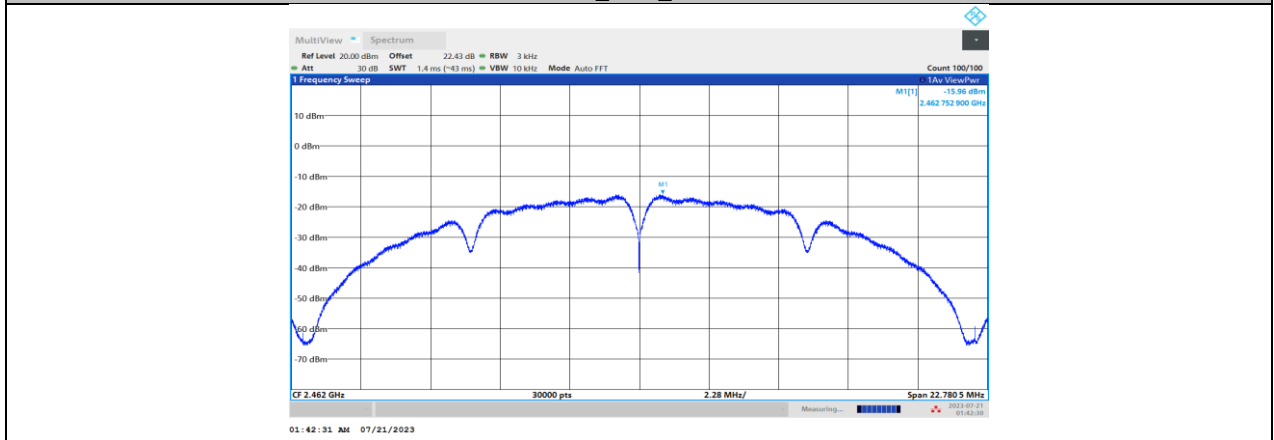
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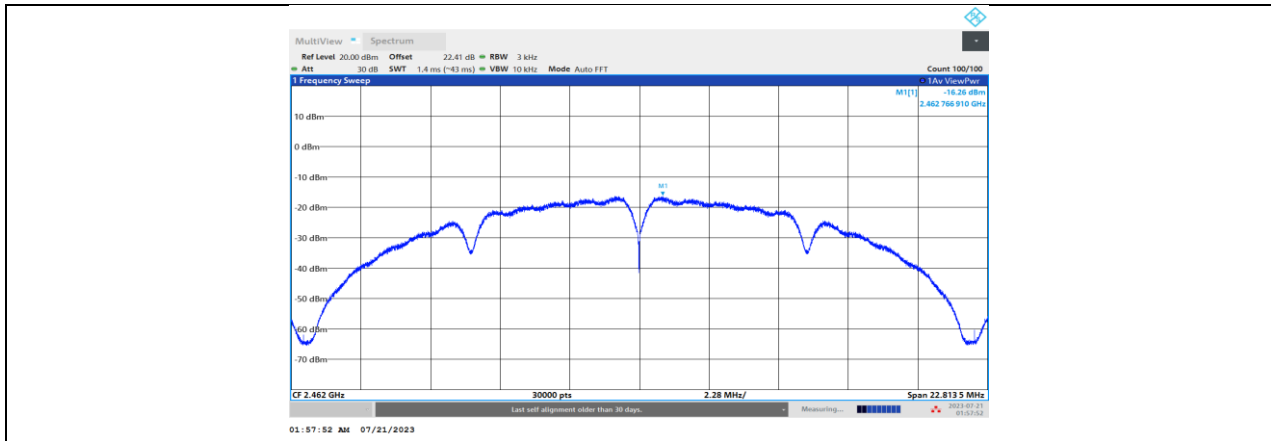
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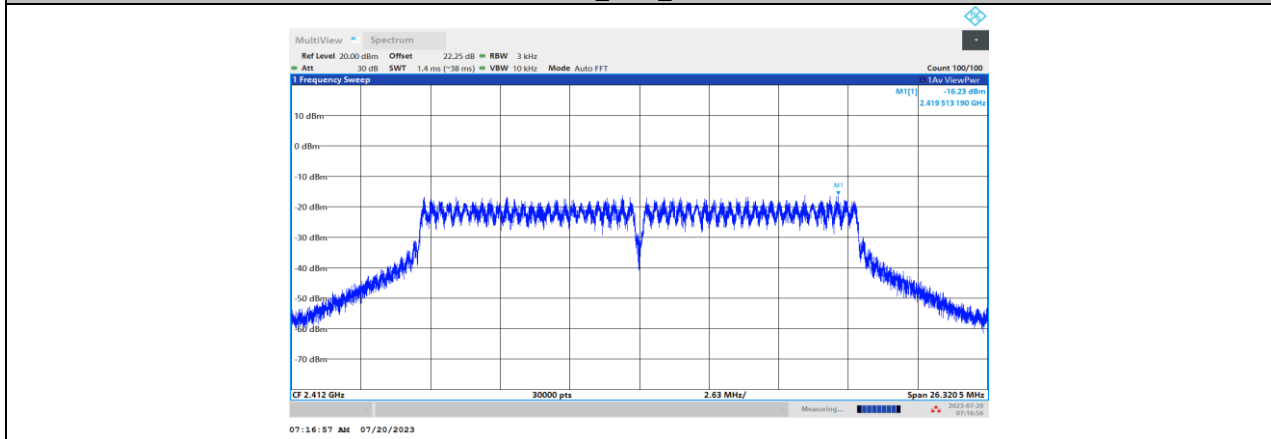
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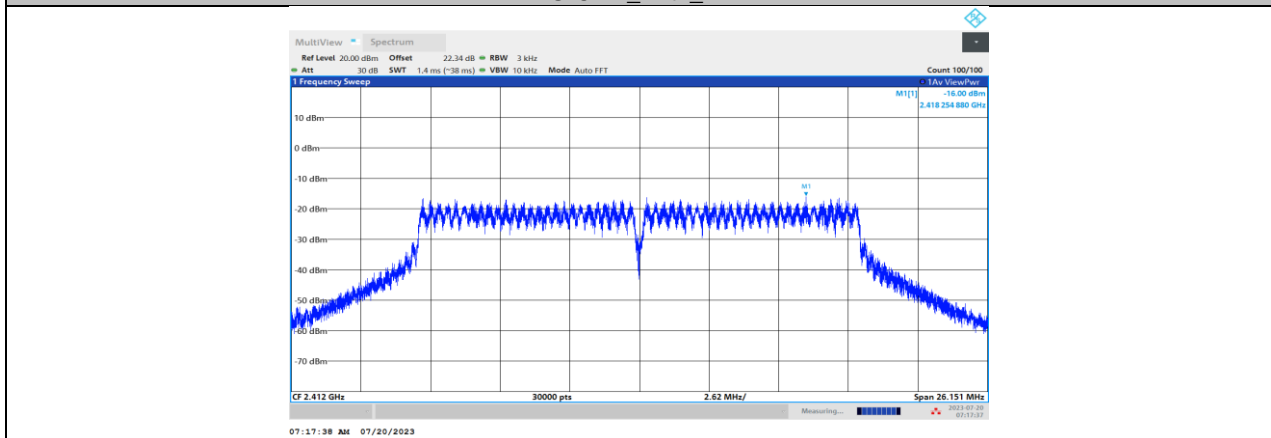
11B\_Ant1\_2462



11B\_Ant2\_2462

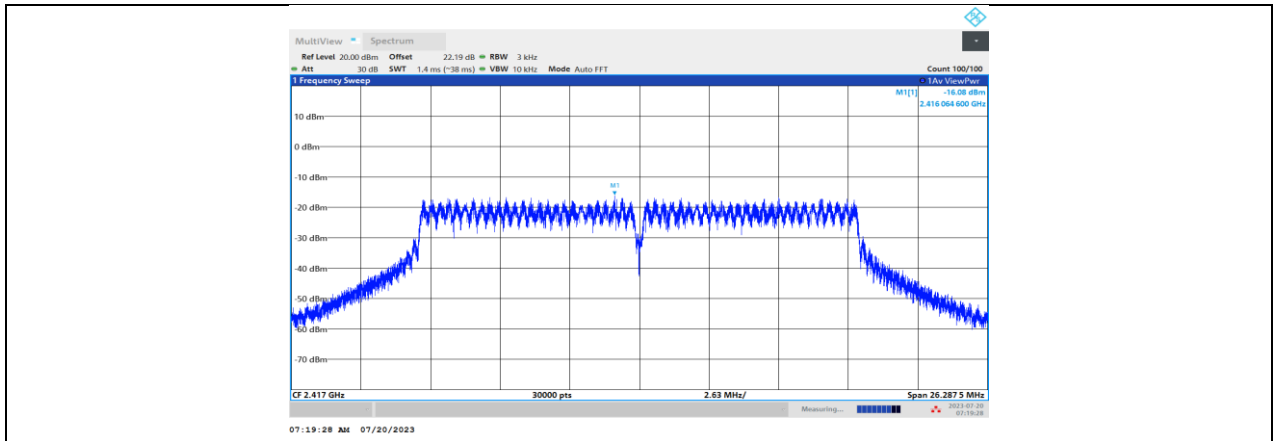


11G-CDD\_Ant1\_2412

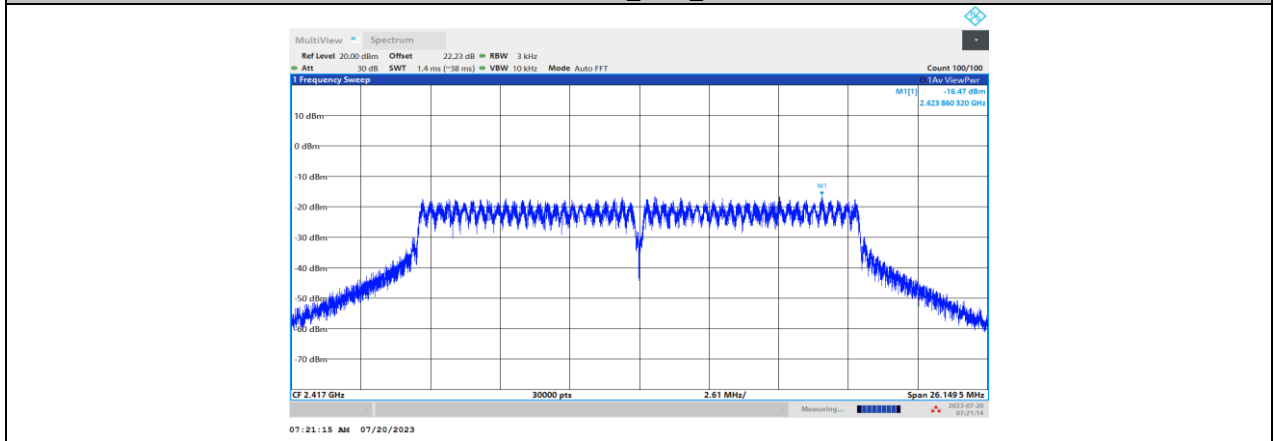


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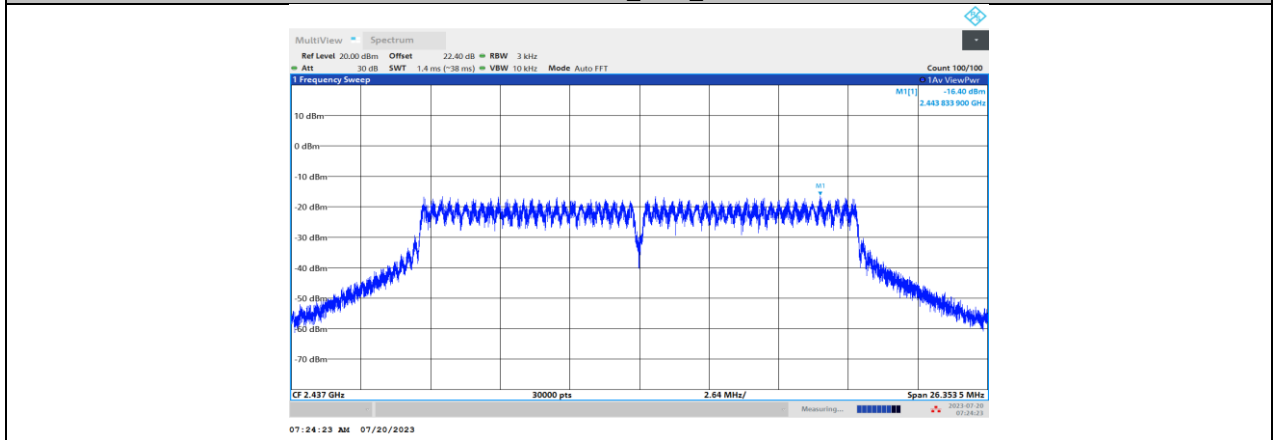




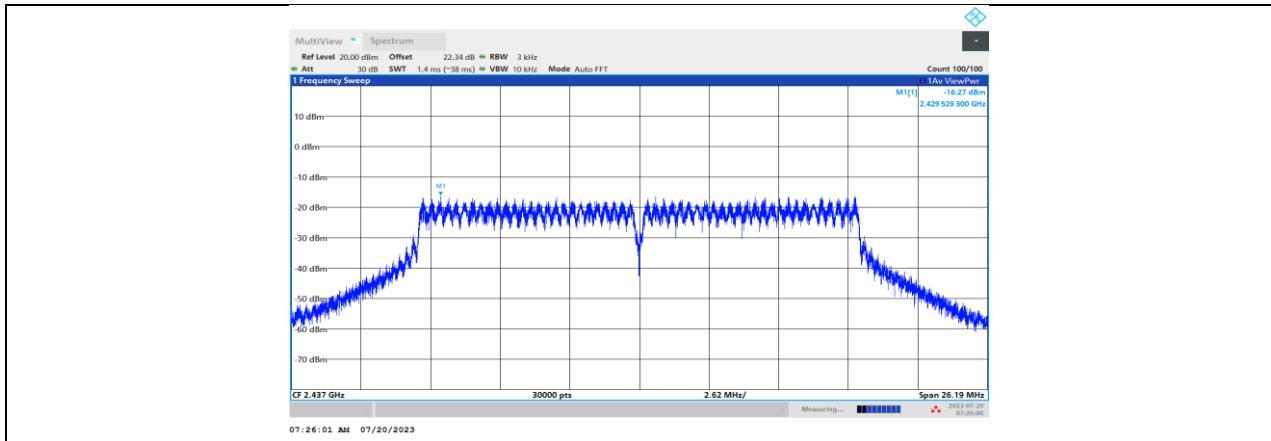
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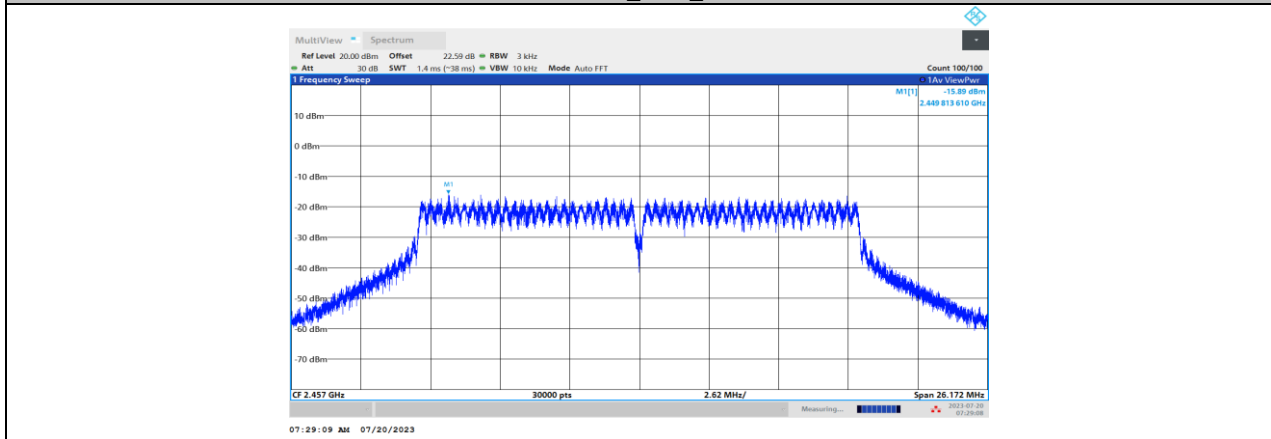
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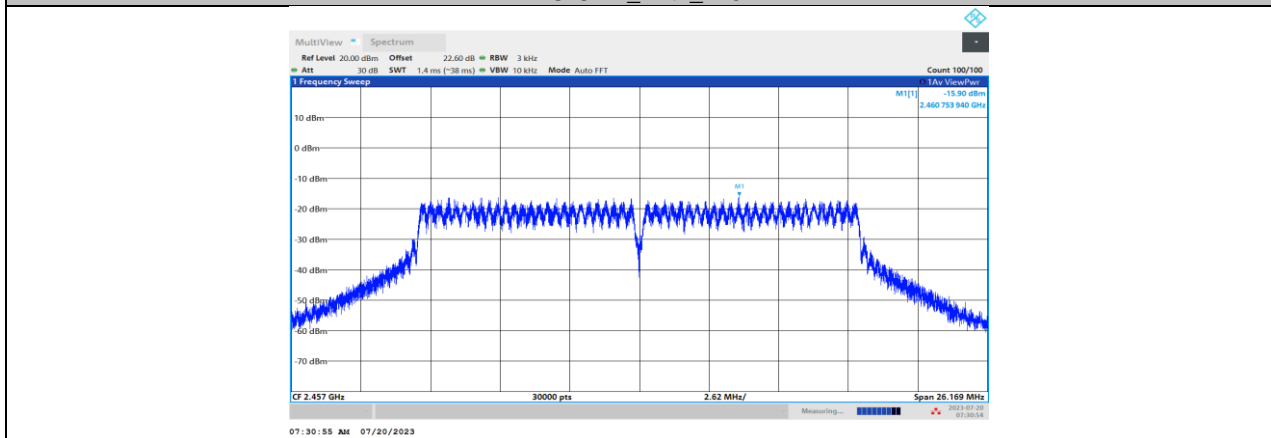
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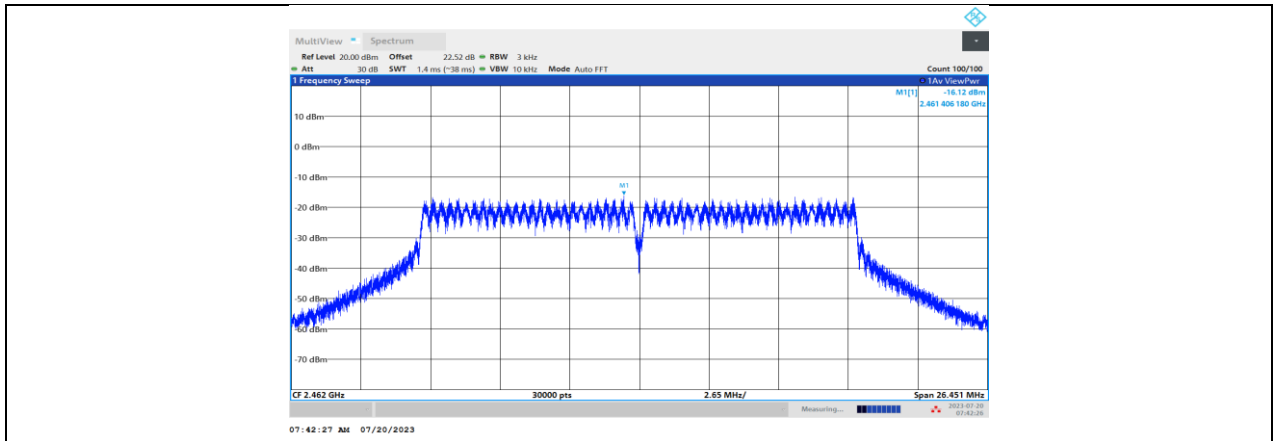
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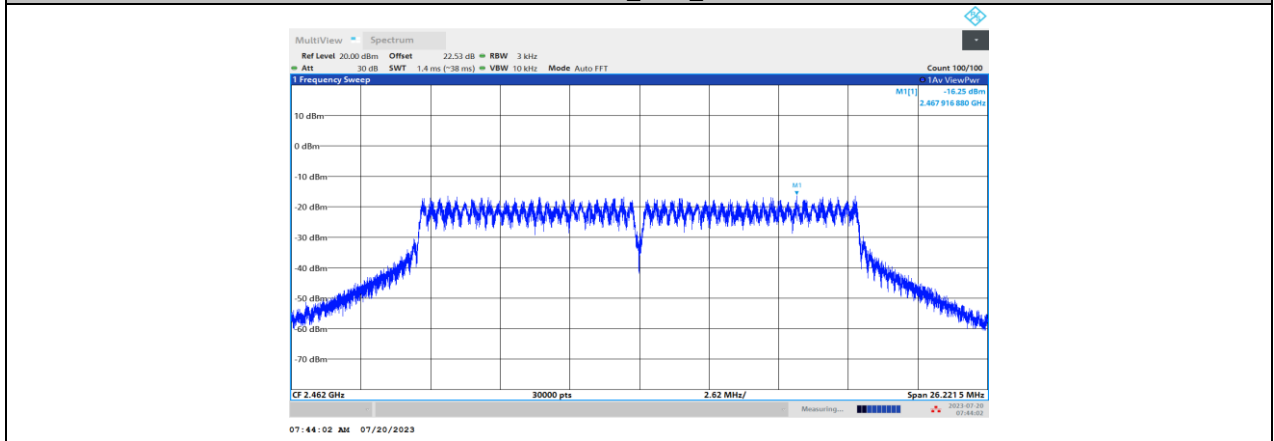
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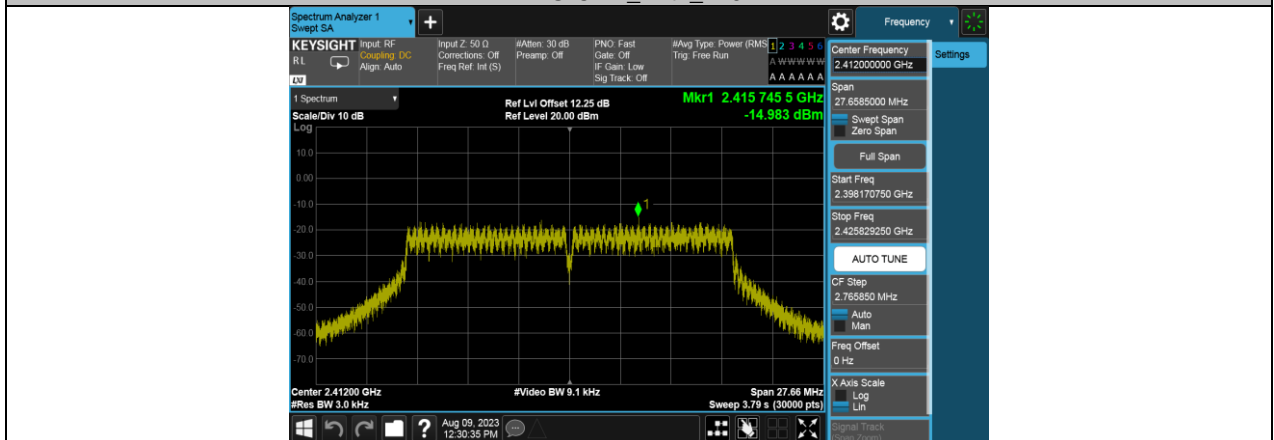
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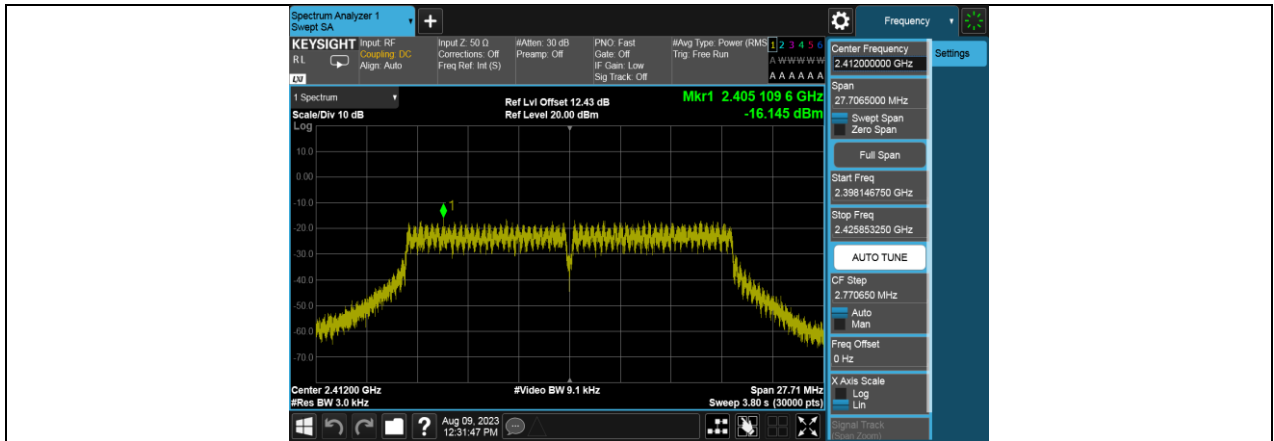
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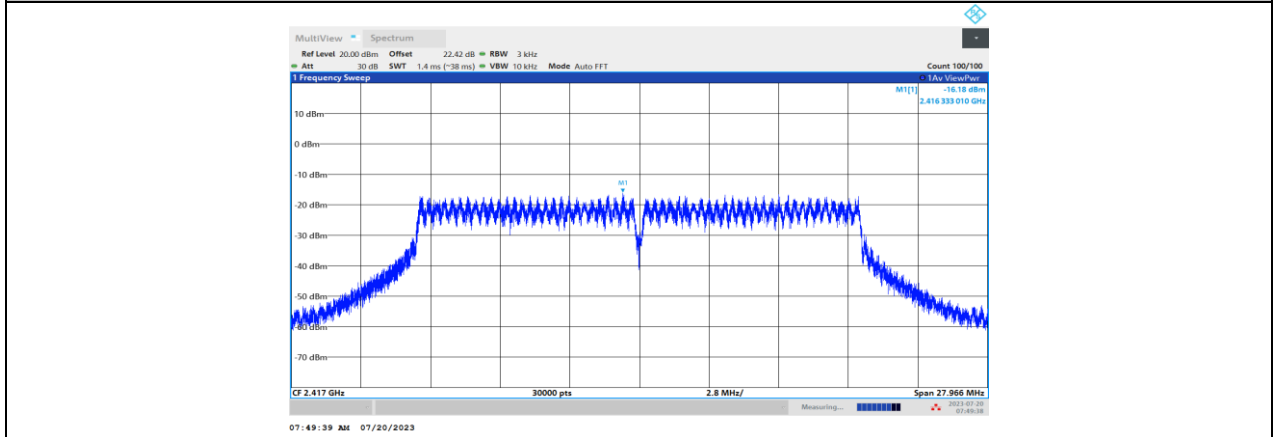
11G-CDD\_Ant2\_2462



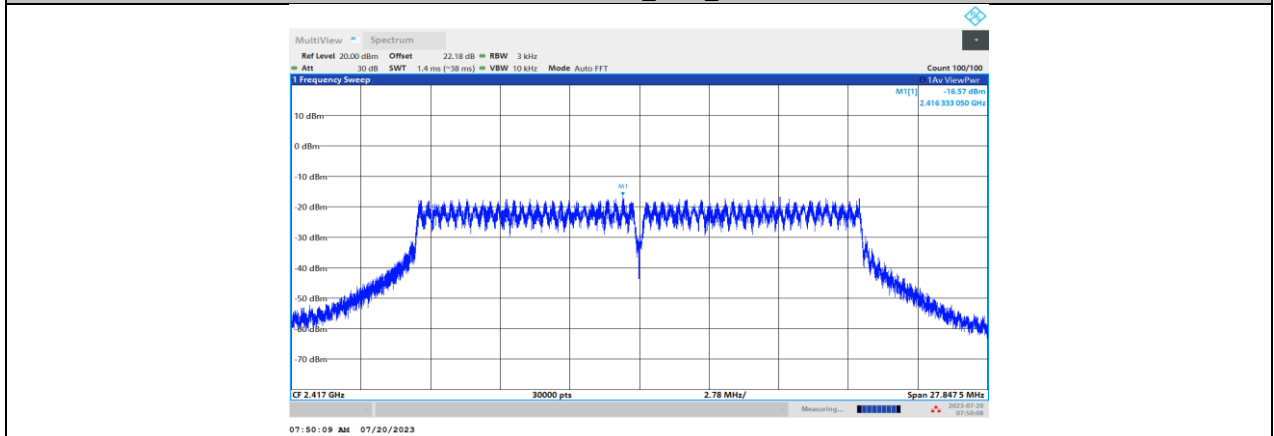
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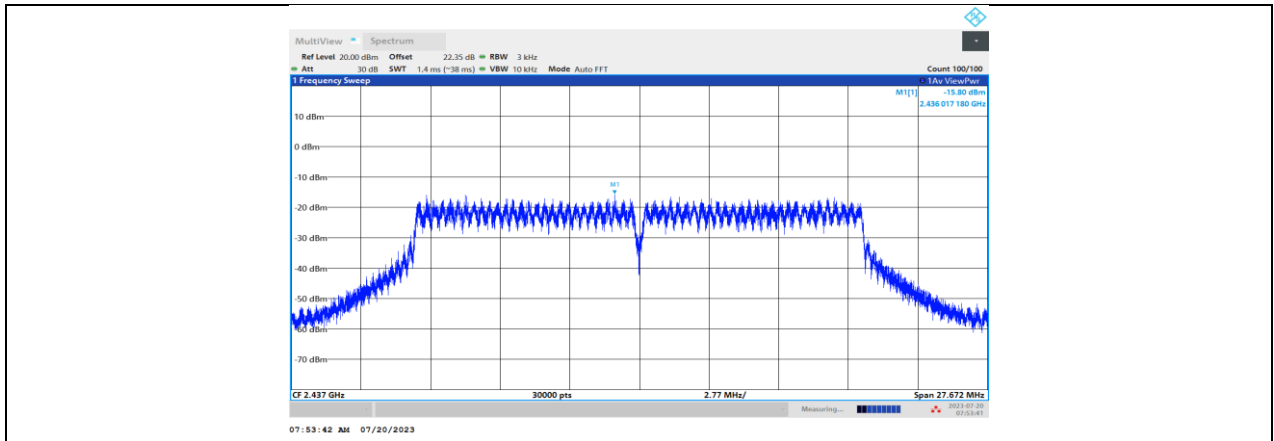
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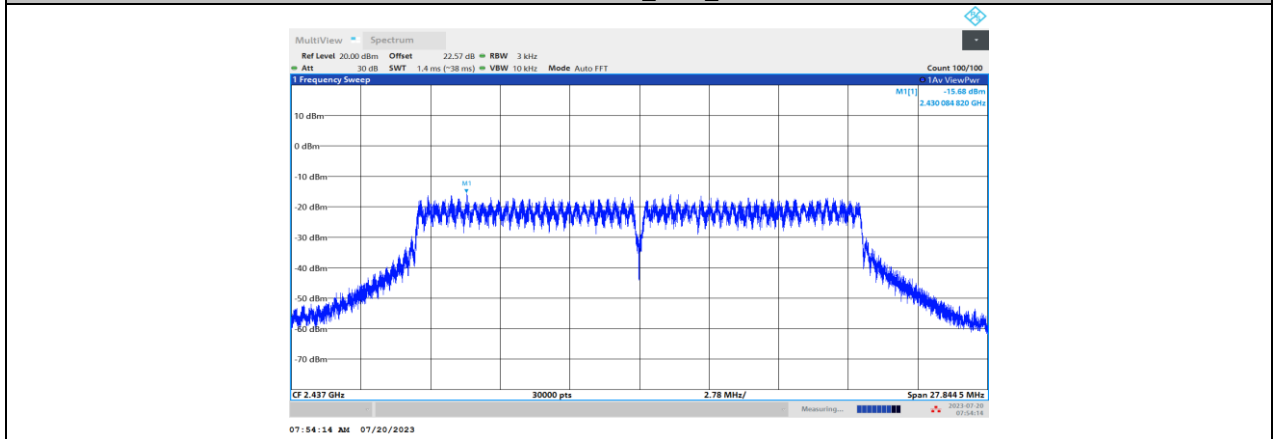
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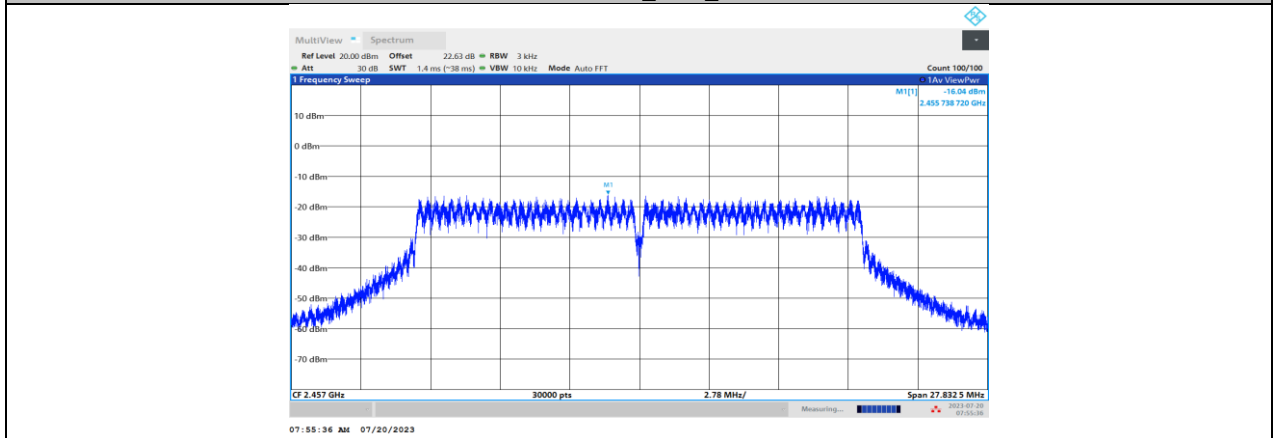
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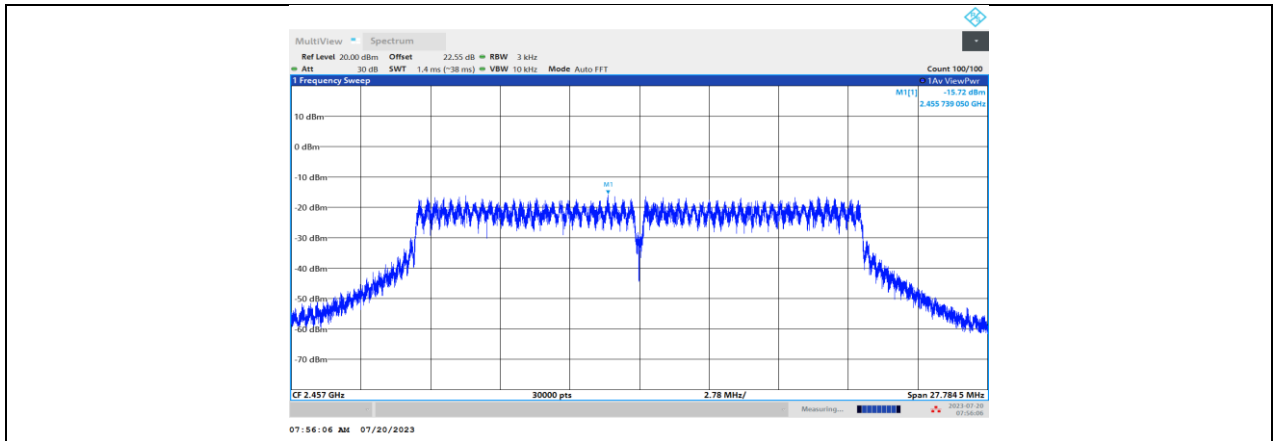
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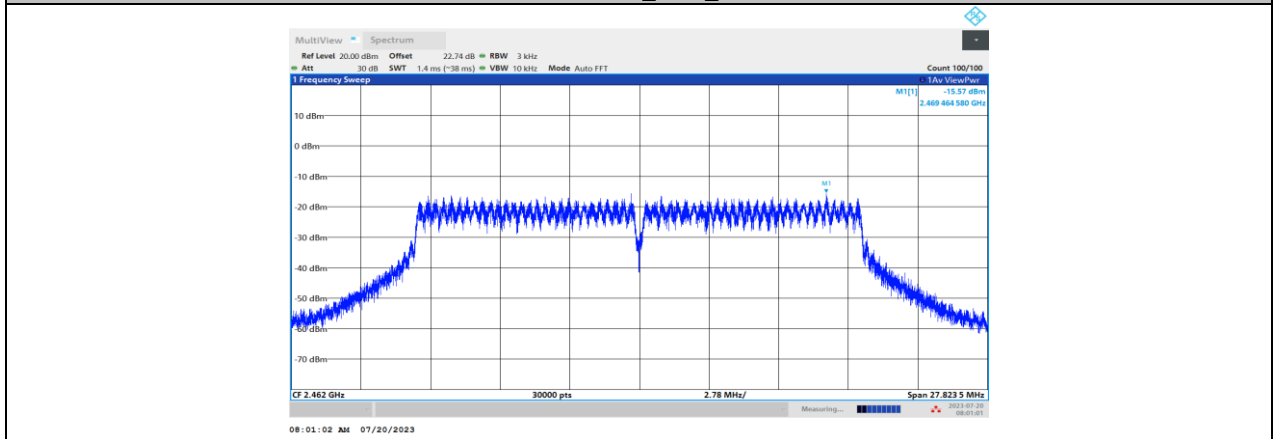
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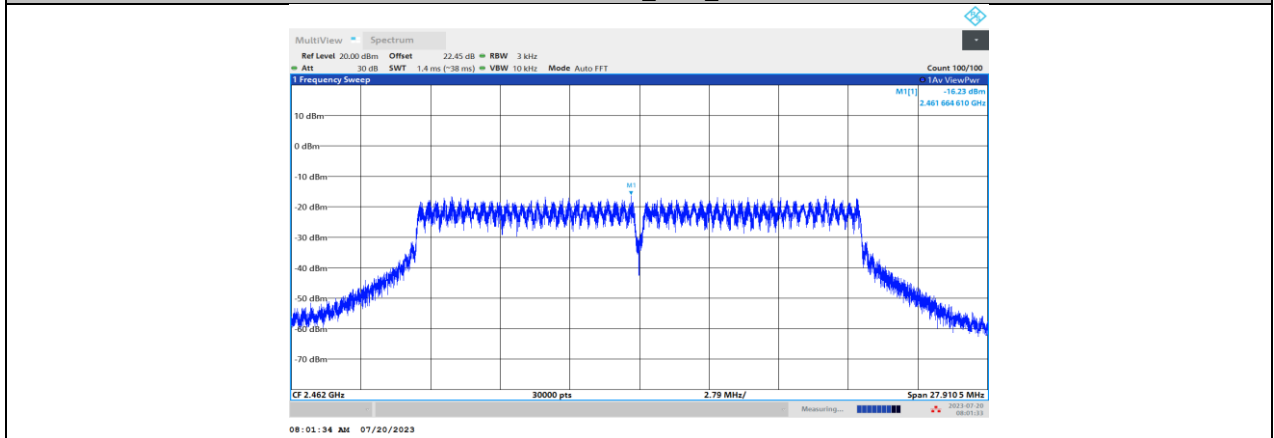
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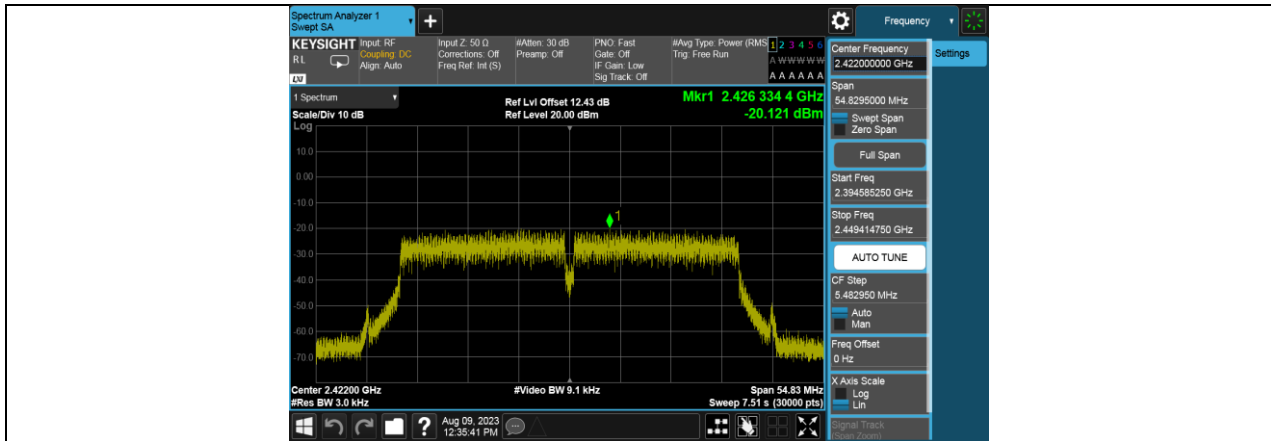
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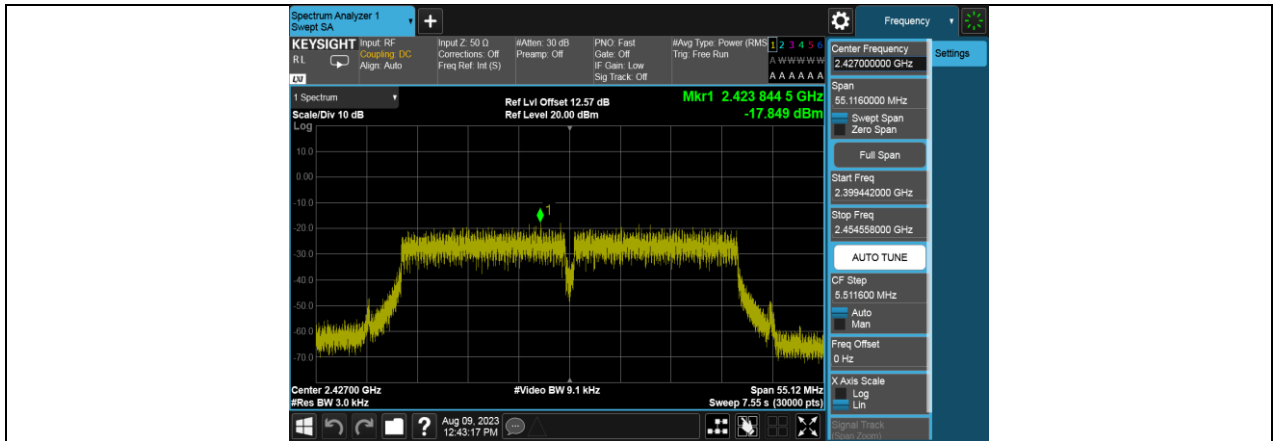
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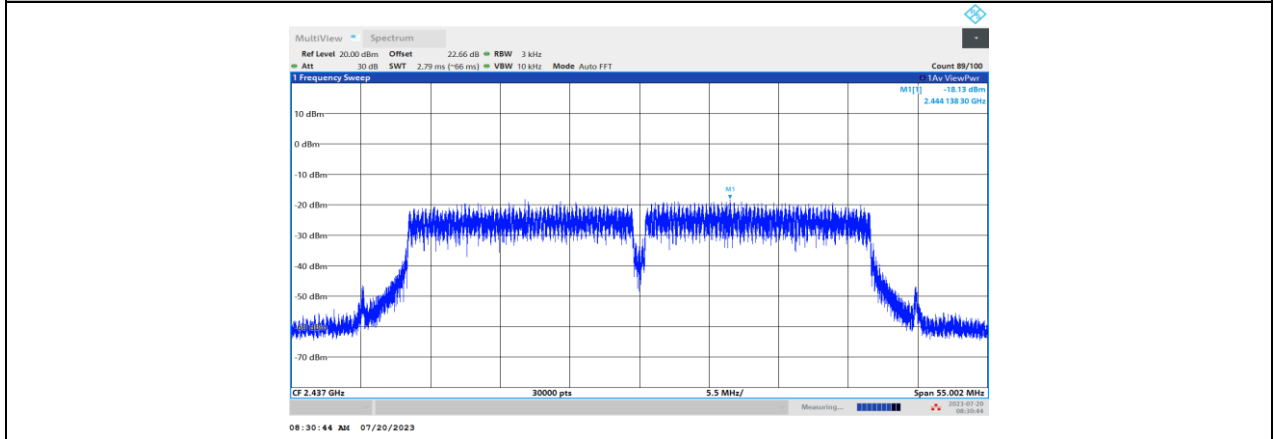
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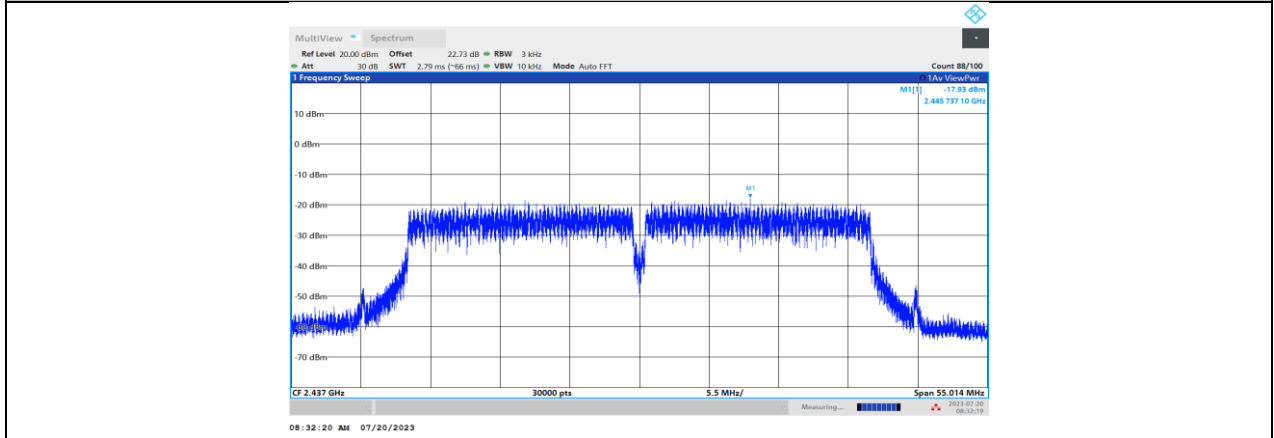
11N40MIMO\_Ant1\_2427



11N40MIMO\_Ant2\_2427

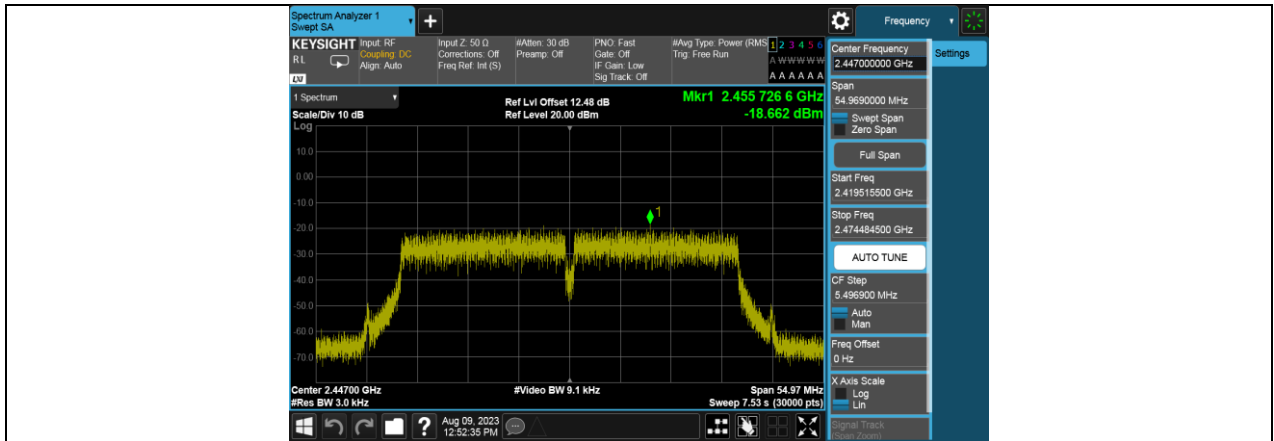


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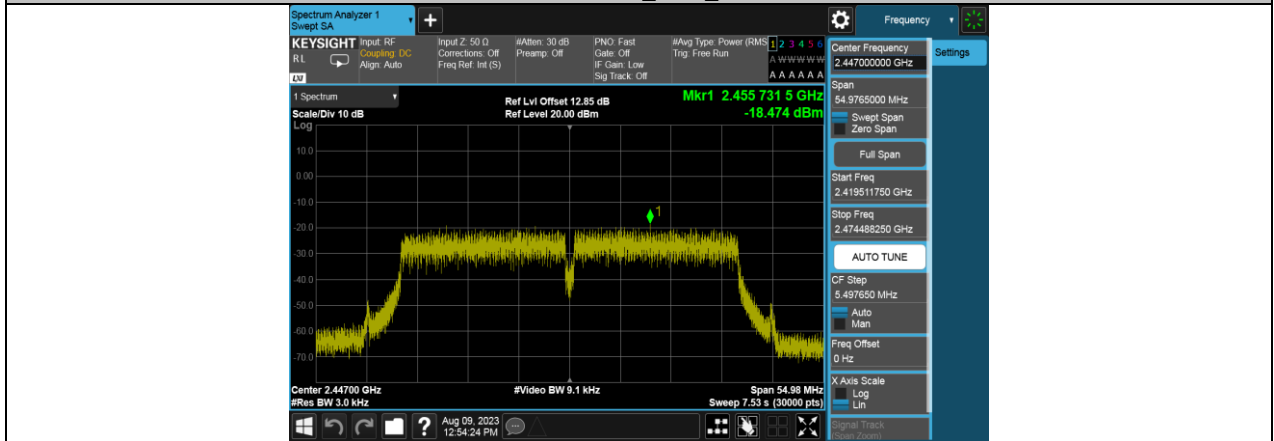


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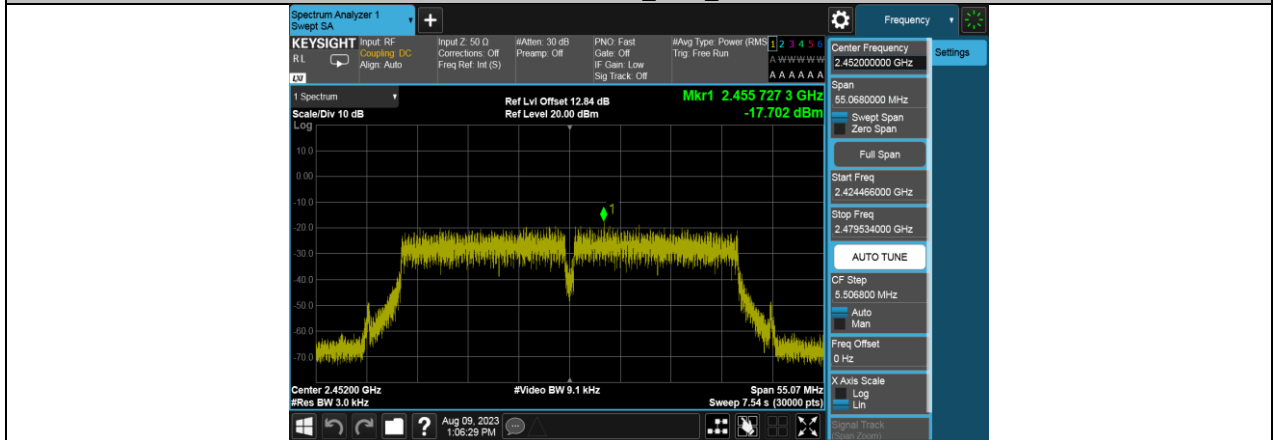




11N40MIMO\_Ant1\_2447



11N40MIMO\_Ant2\_2447



11N40MIMO\_Ant1\_2452