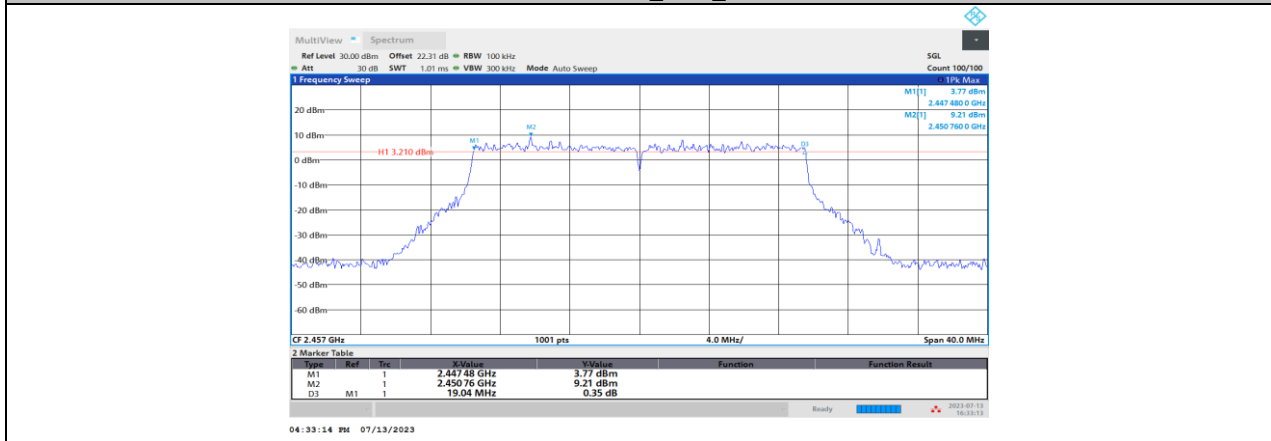
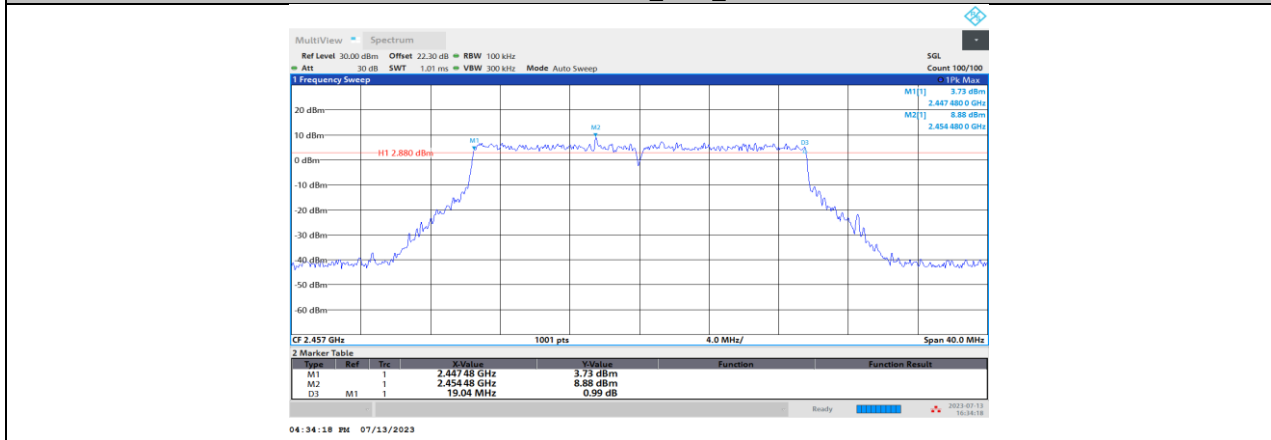


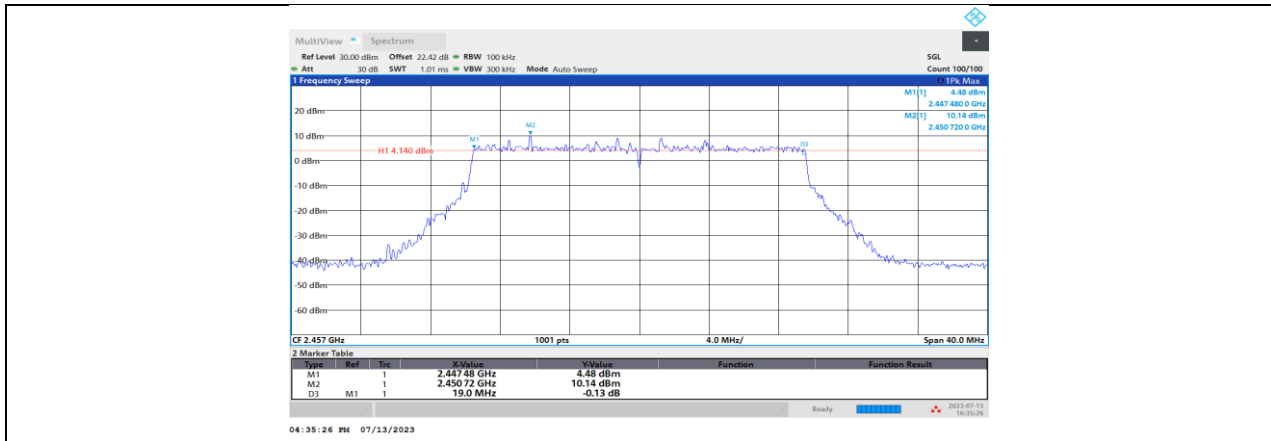
11BE20MIMO\_Ant4\_2437



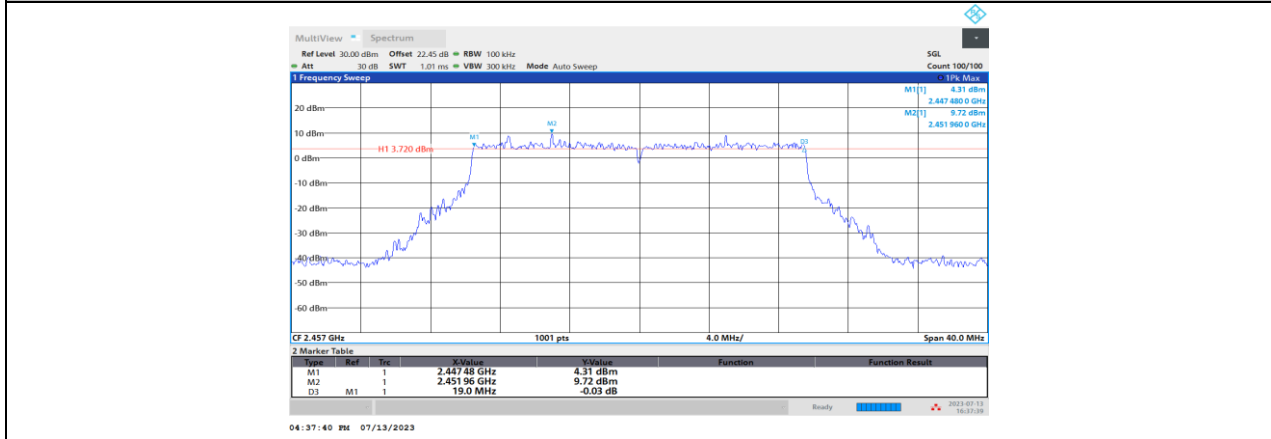
11BE20MIMO\_Ant1\_2457



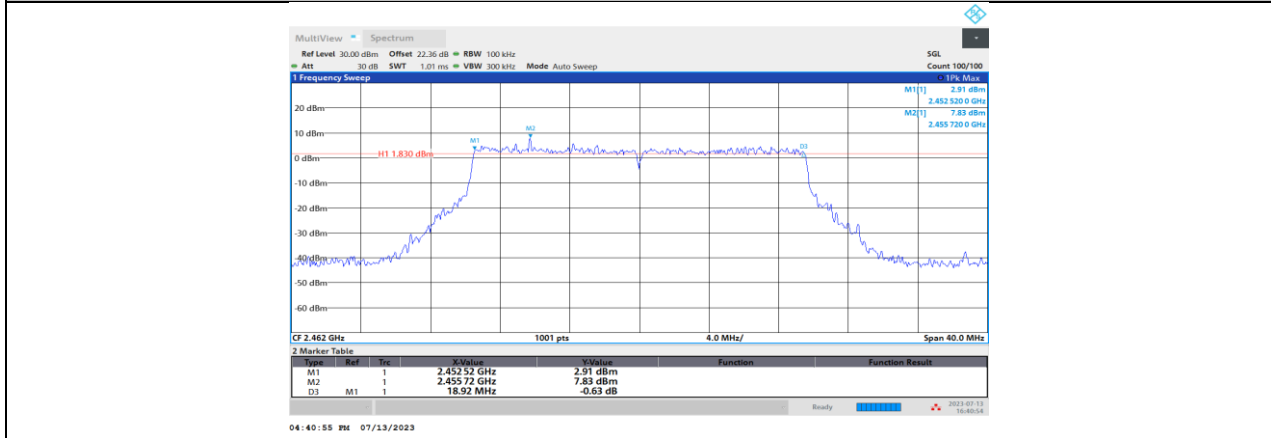
11BE20MIMO\_Ant2\_2457



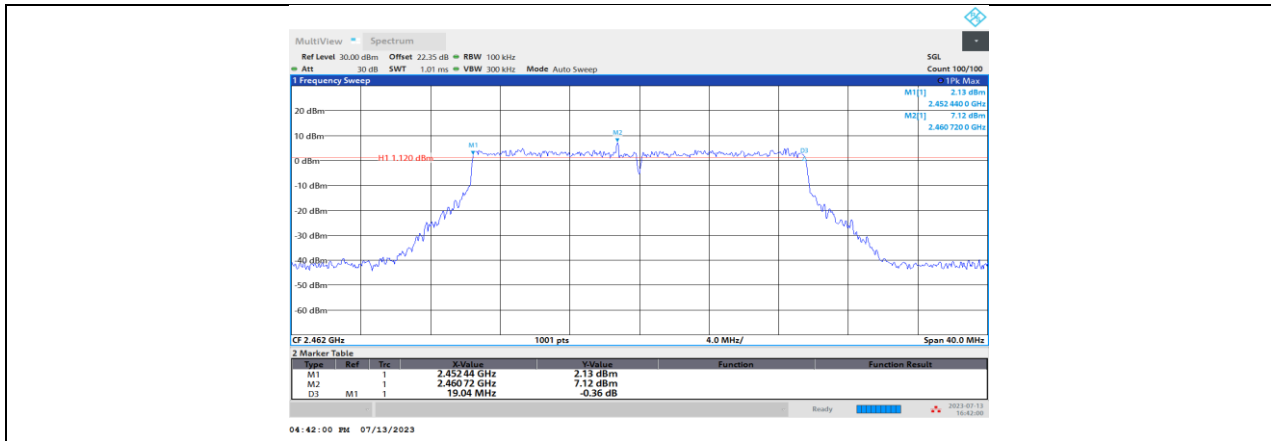
11BE20MIMO\_Ant3\_2457



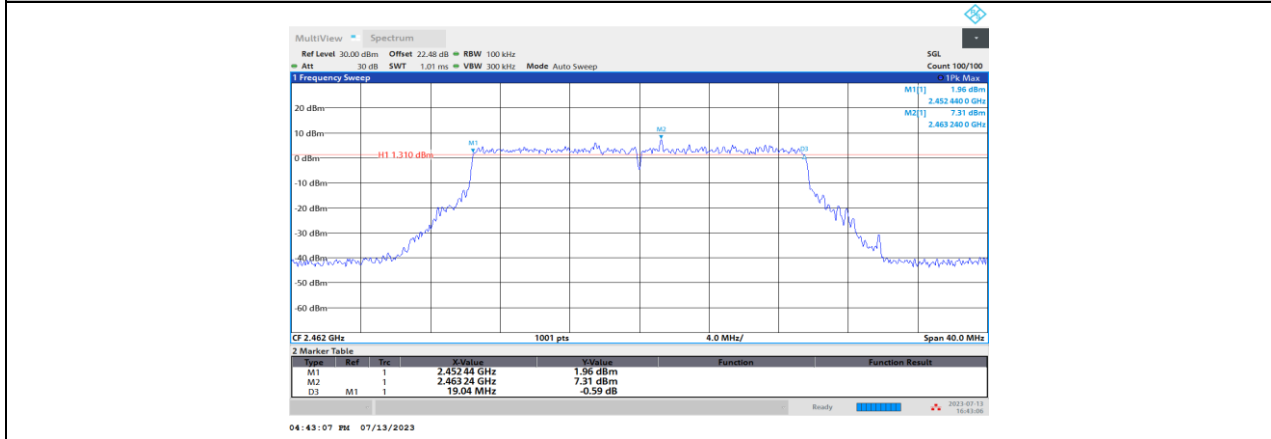
11BE20MIMO\_Ant4\_2457



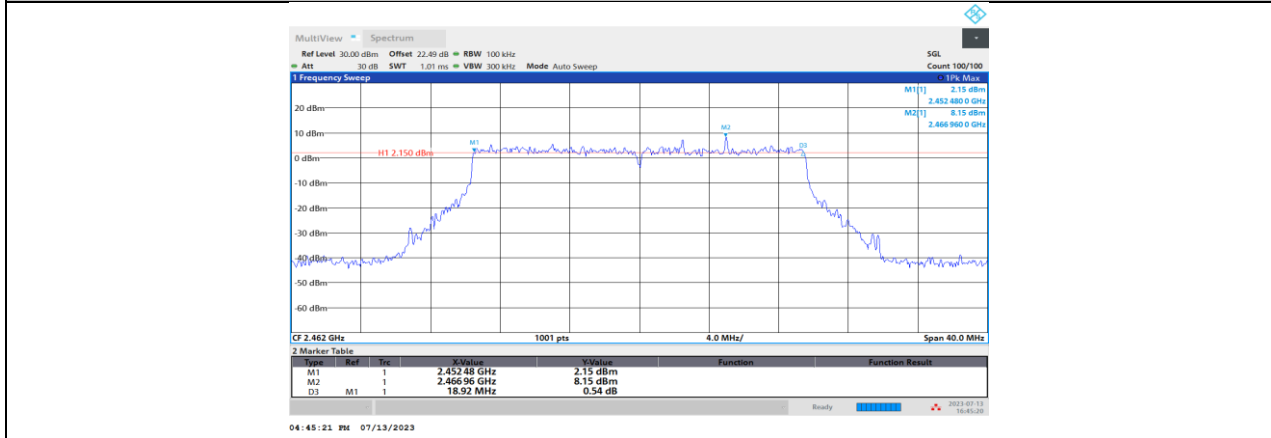
11BE20MIMO\_Ant1\_2462



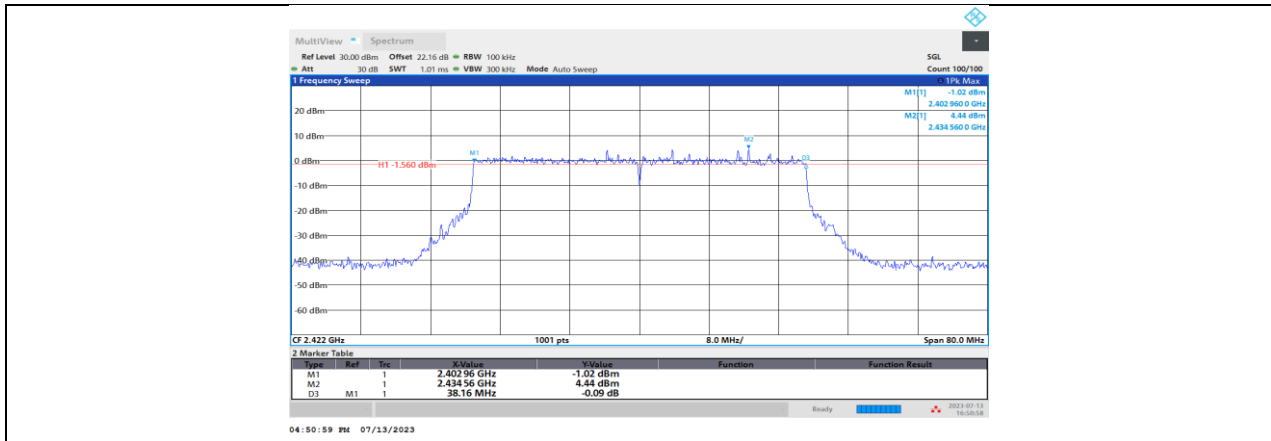
11BE20MIMO\_Ant2\_2462



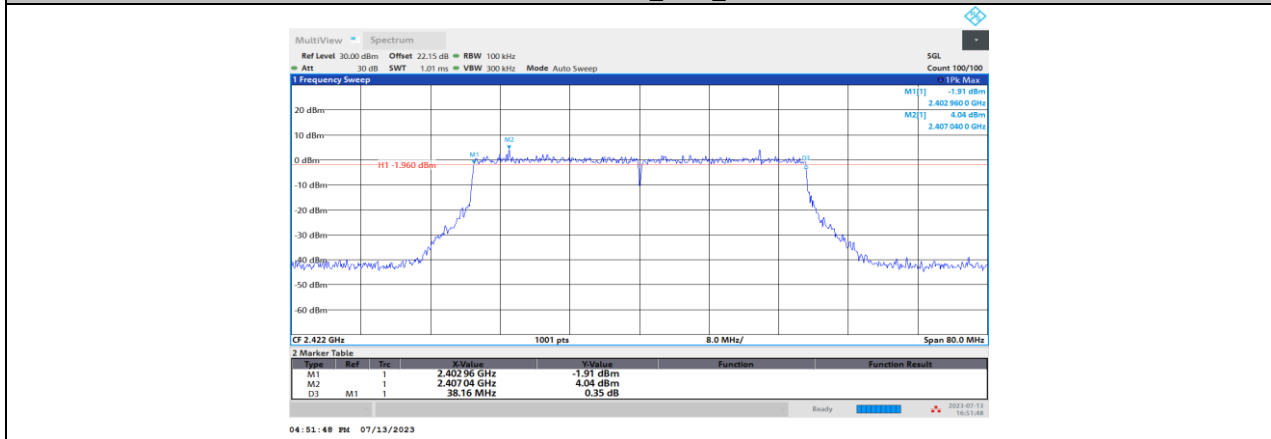
11BE20MIMO\_Ant3\_2462



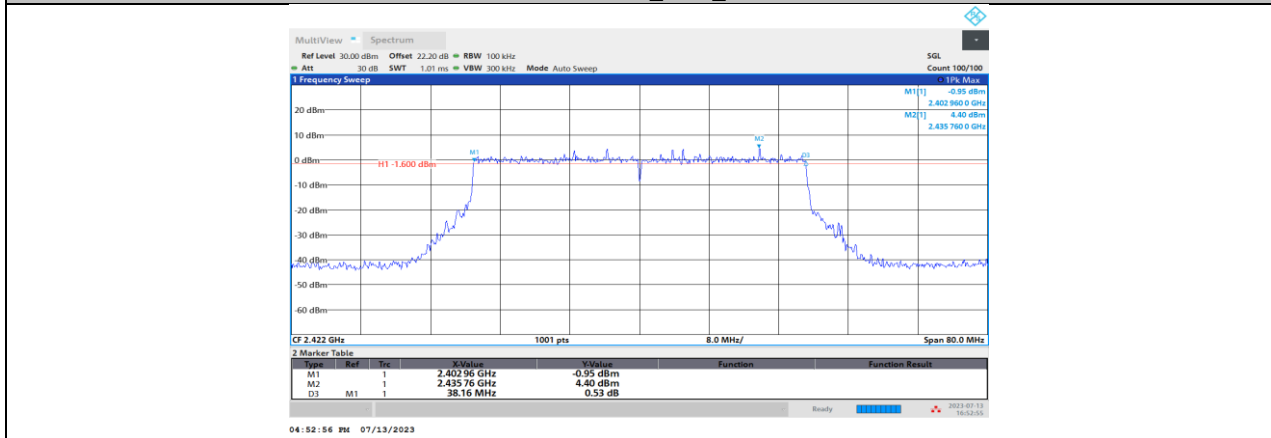
11BE20MIMO\_Ant4\_2462



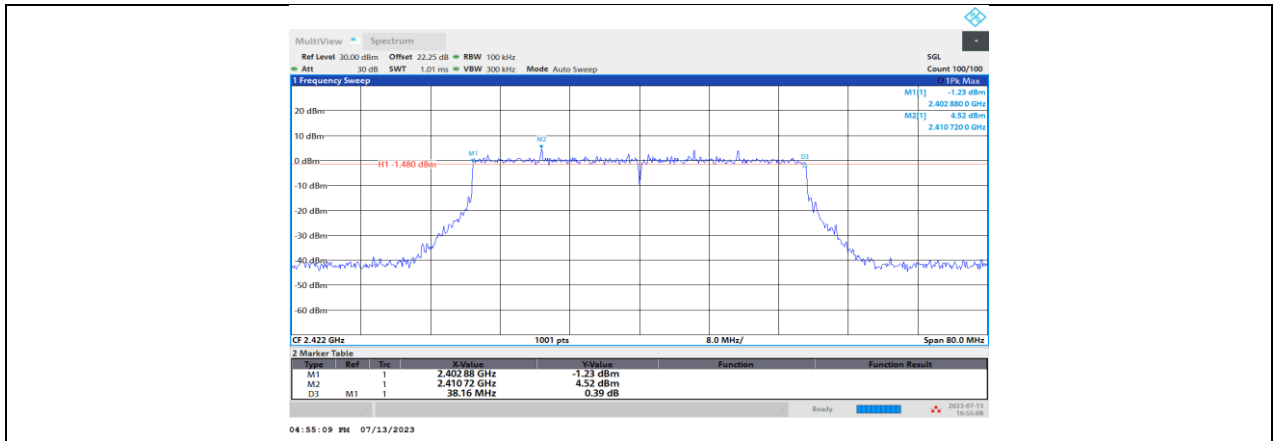
11BE40MIMO\_Ant1\_2422



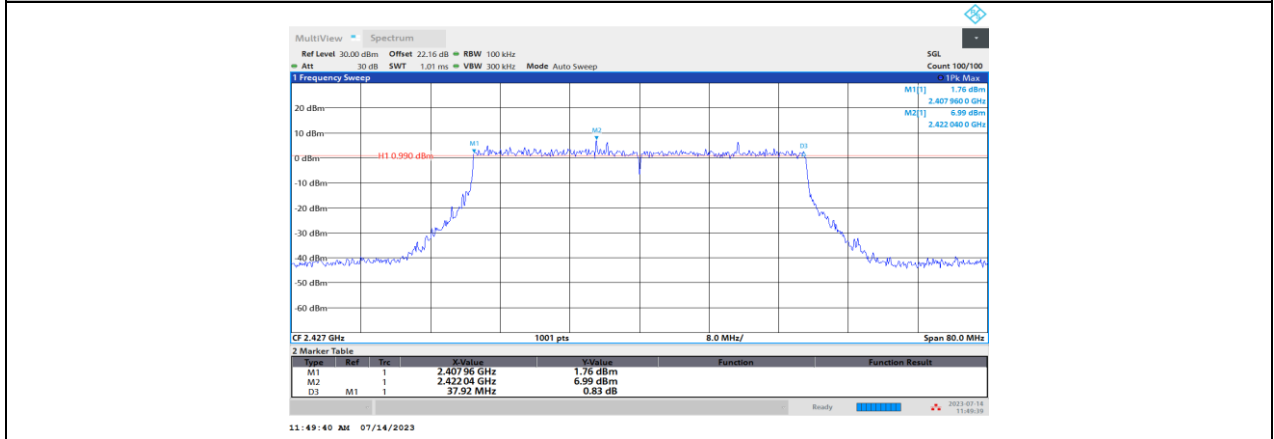
11BE40MIMO\_Ant2\_2422



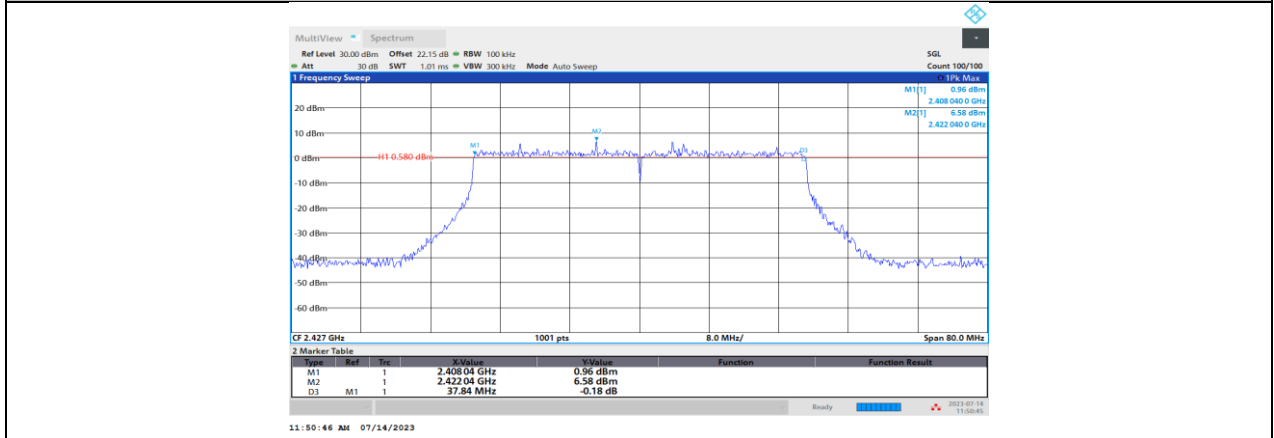
11BE40MIMO\_Ant3\_2422



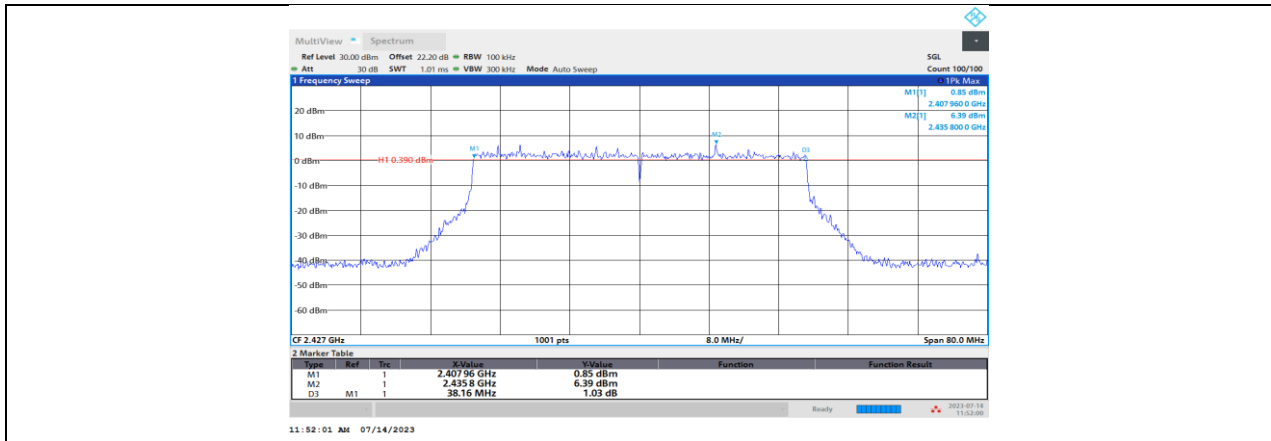
11BE40MIMO\_Ant4\_2422



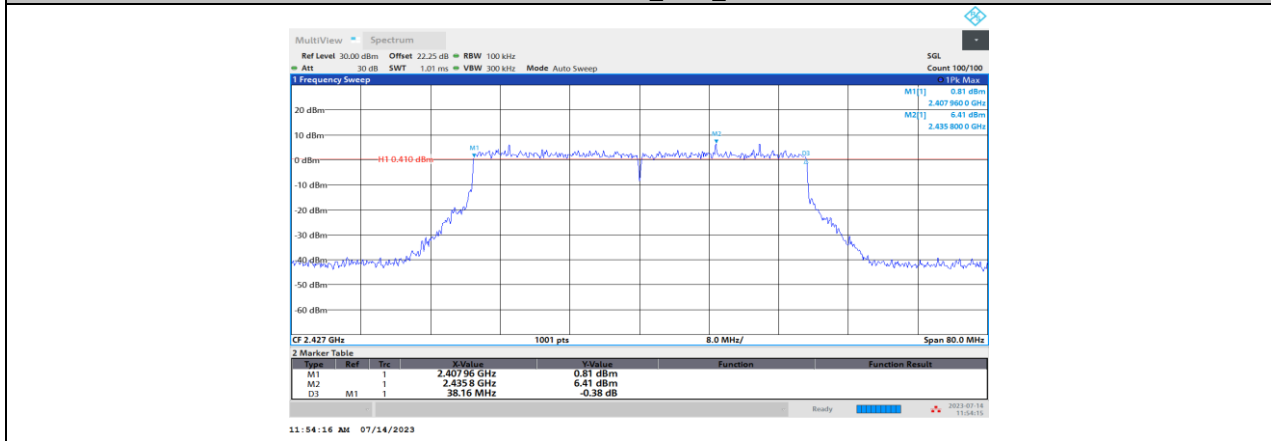
11BE40MIMO\_Ant1\_2427



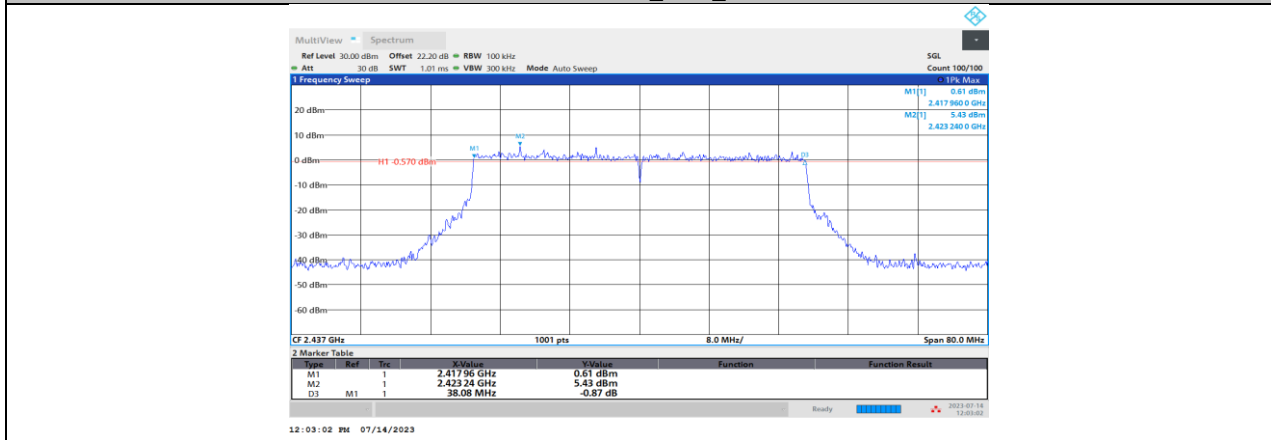
11BE40MIMO\_Ant2\_2427



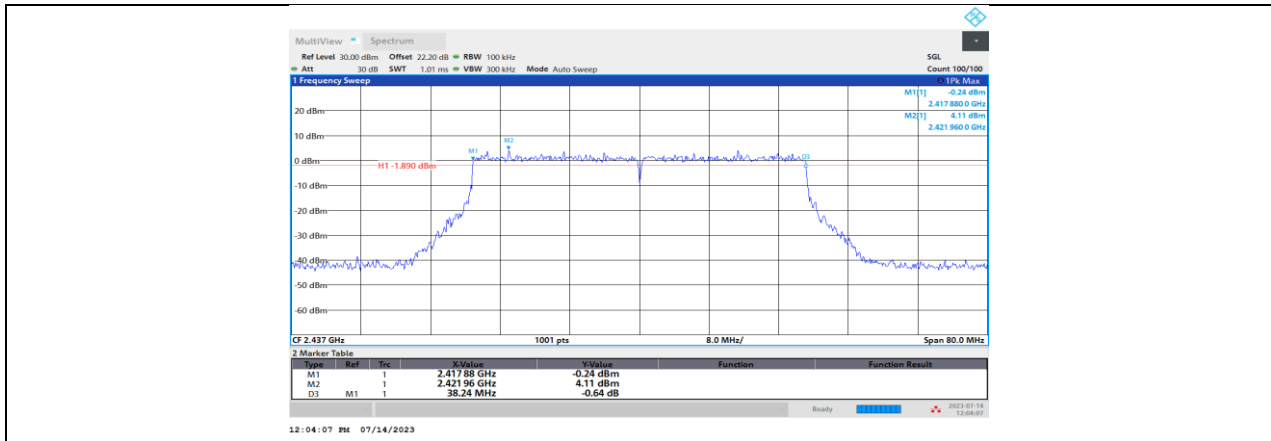
11BE40MIMO\_Ant3\_2427



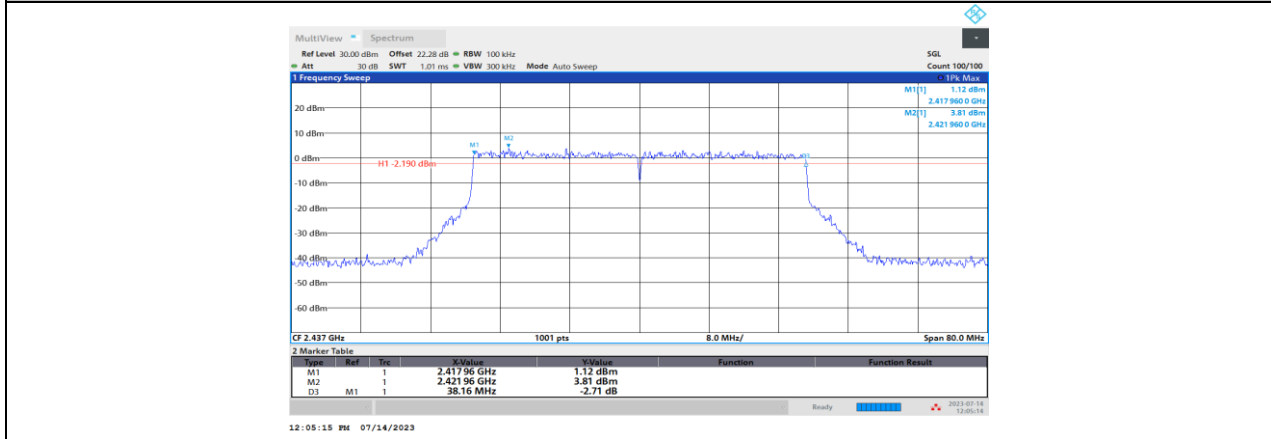
11BE40MIMO\_Ant4\_2427



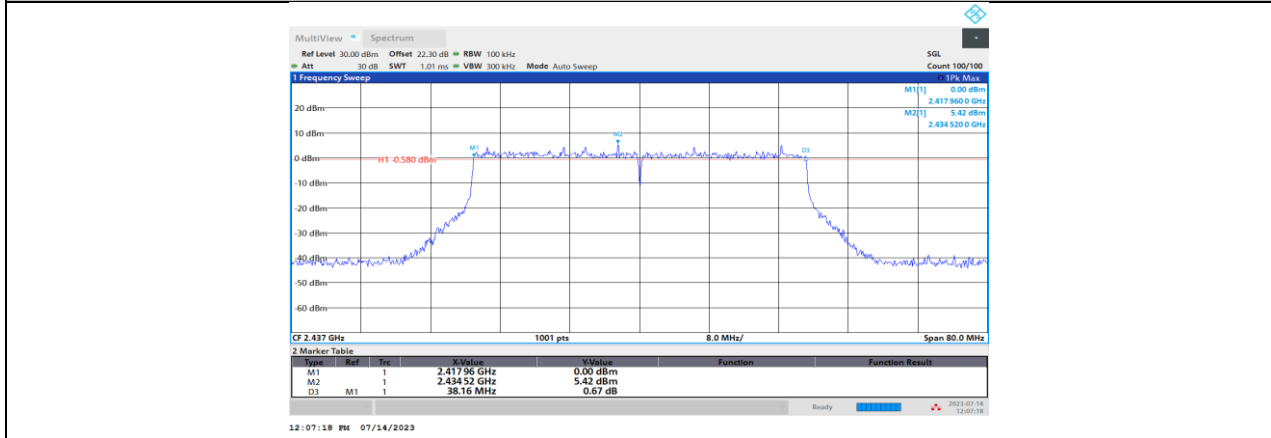
11BE40MIMO\_Ant1\_2437



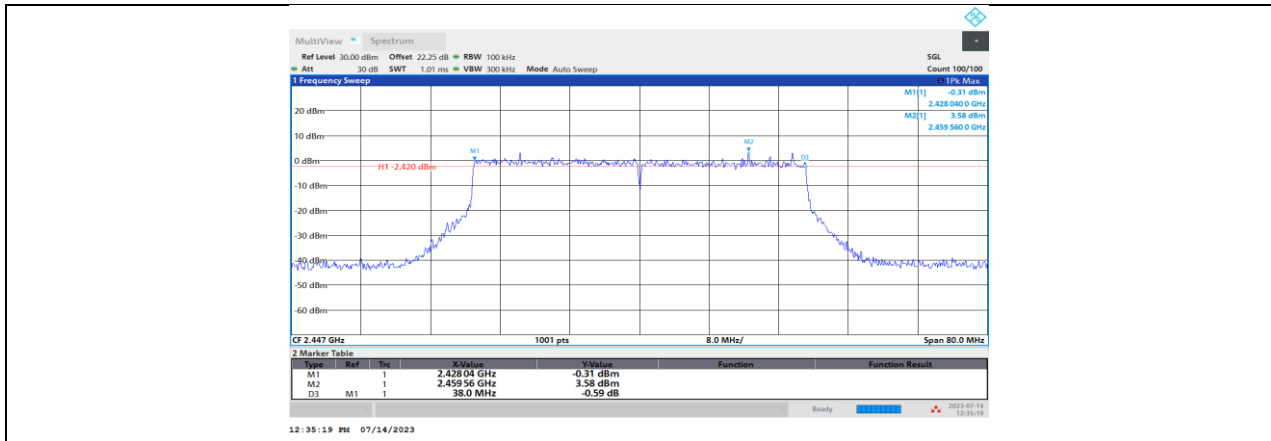
11BE40MIMO\_Ant2\_2437



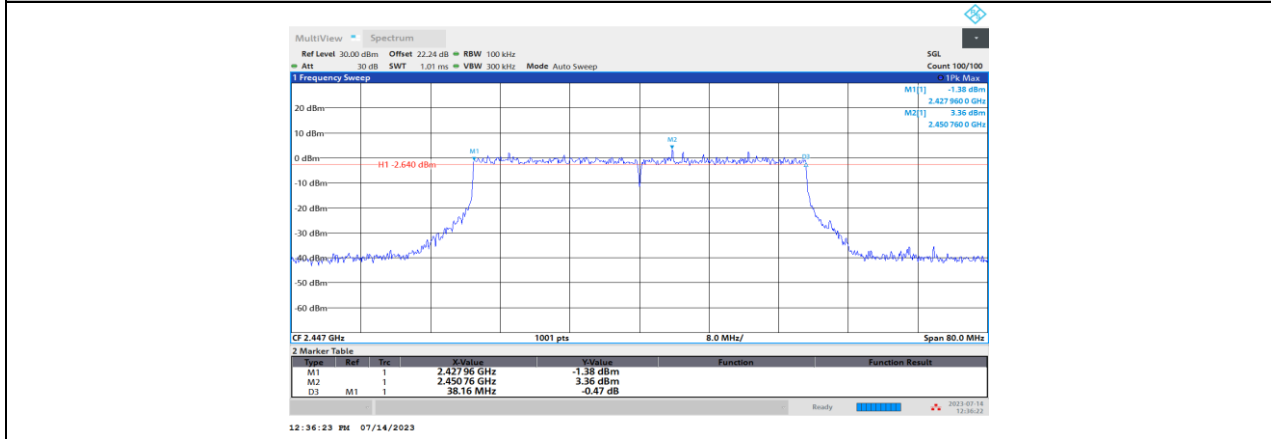
11BE40MIMO\_Ant3\_2437



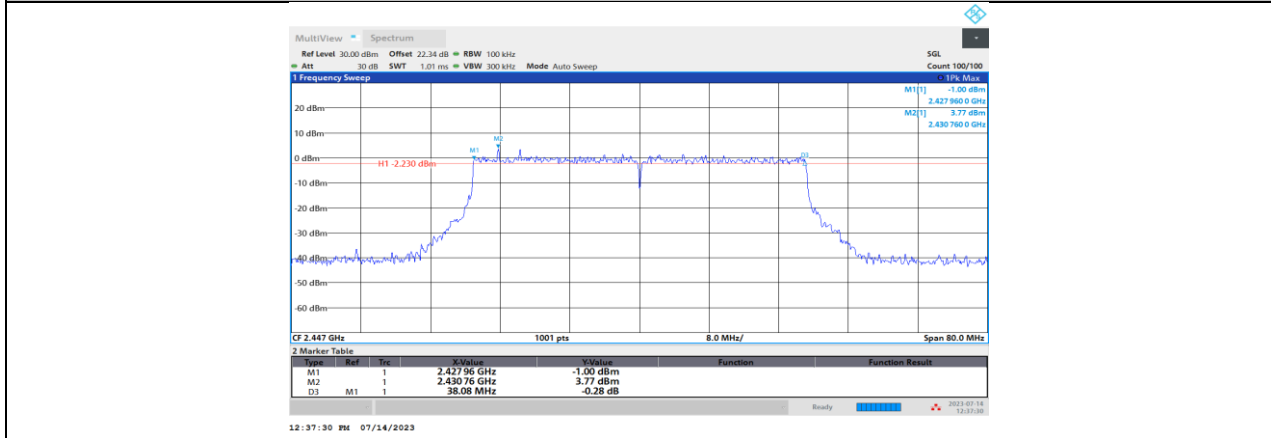
11BE40MIMO\_Ant4\_2437



11BE40MIMO\_Ant1\_2447

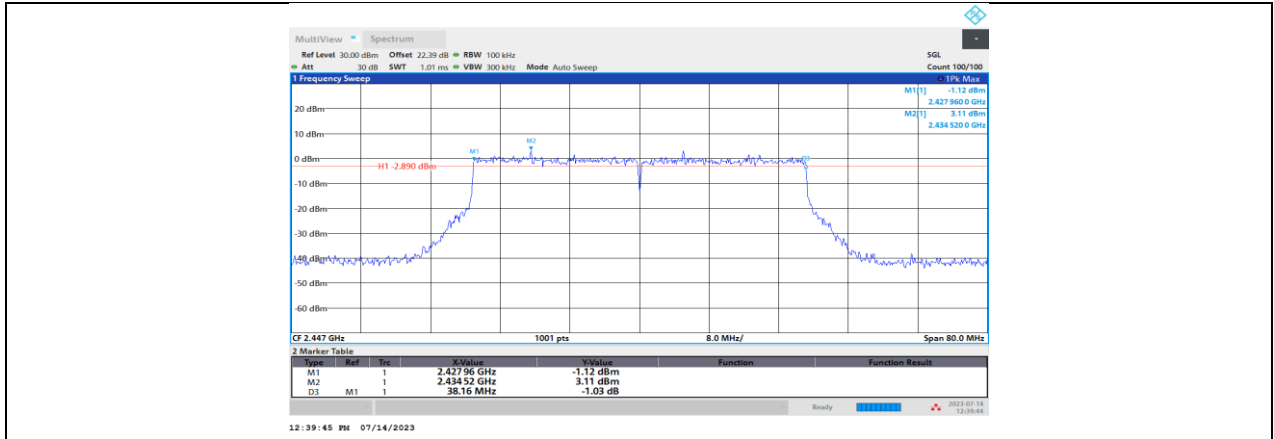


11BE40MIMO\_Ant2\_2447

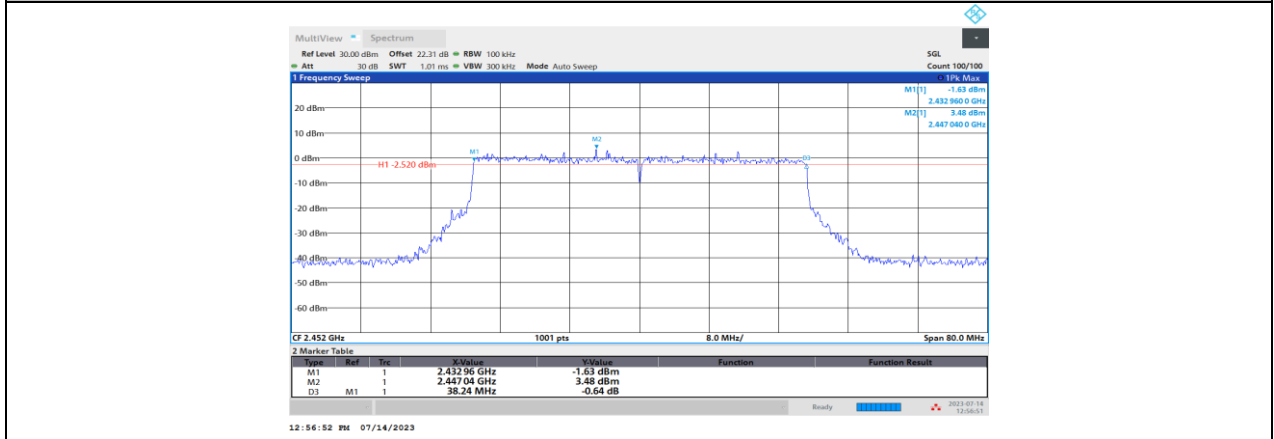


11BE40MIMO\_Ant3\_2447

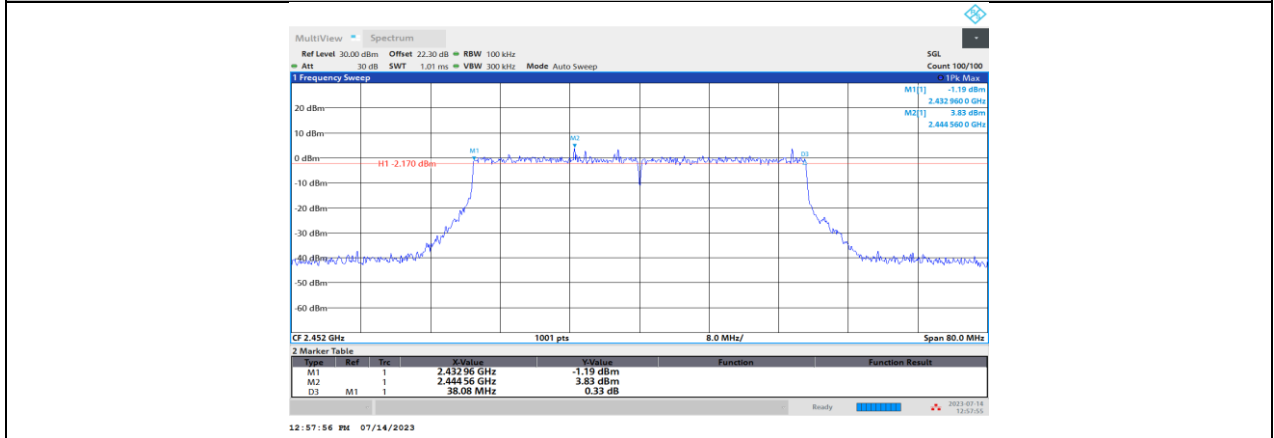




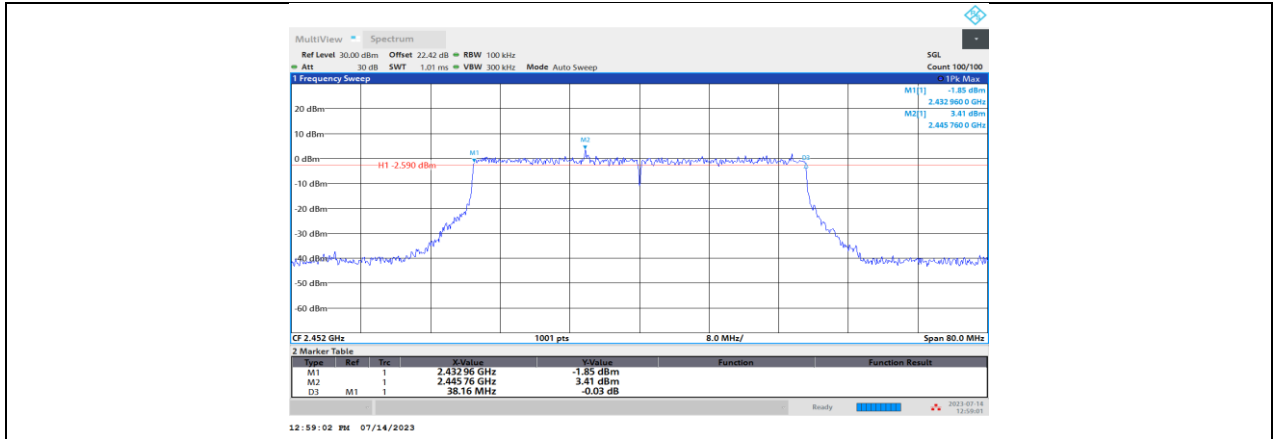
11BE40MIMO\_Ant4\_2447



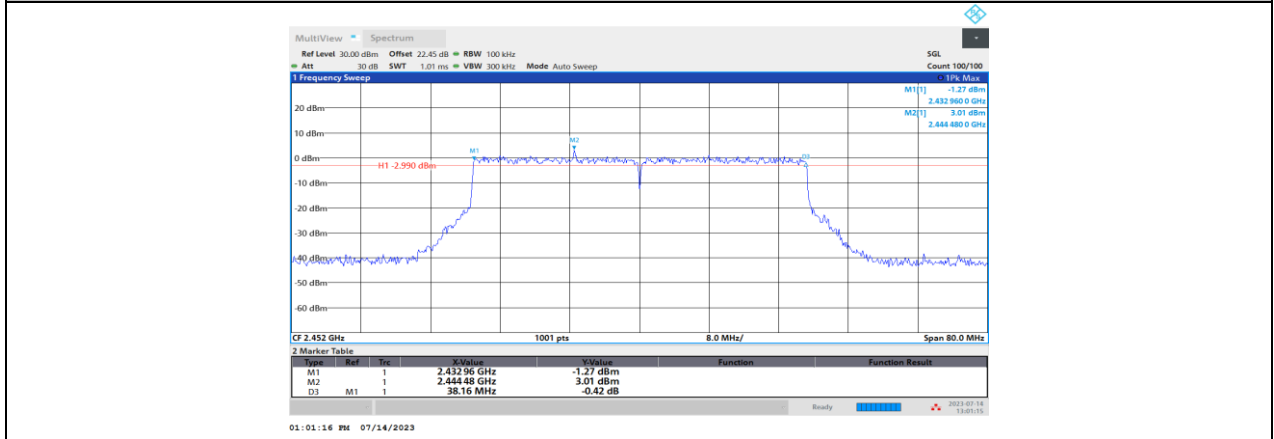
11BE40MIMO\_Ant1\_2452



11BE40MIMO\_Ant2\_2452



11BE40MIMO\_Ant3\_2452



11BE40MIMO\_Ant4\_2452

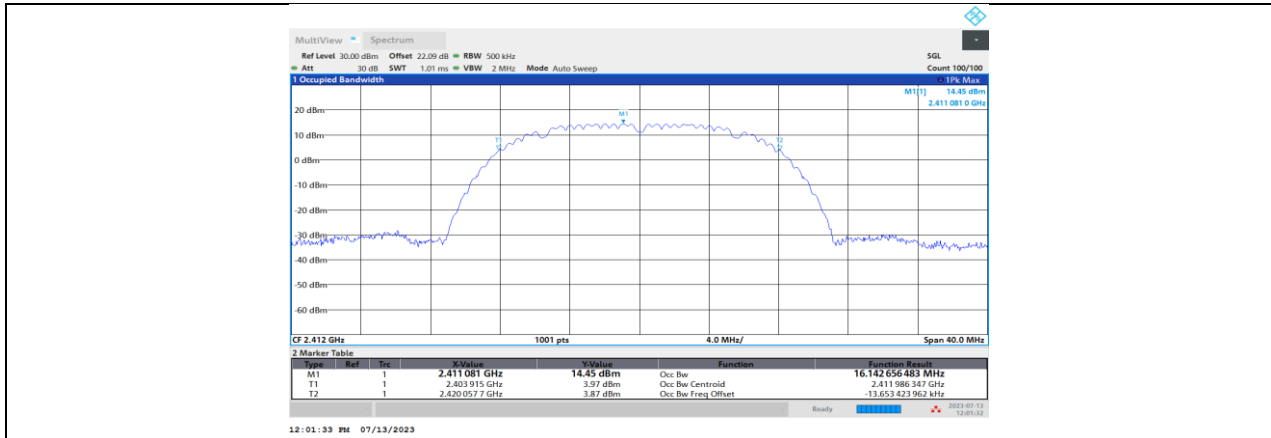
## 11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

### 11.2.1. Test Result

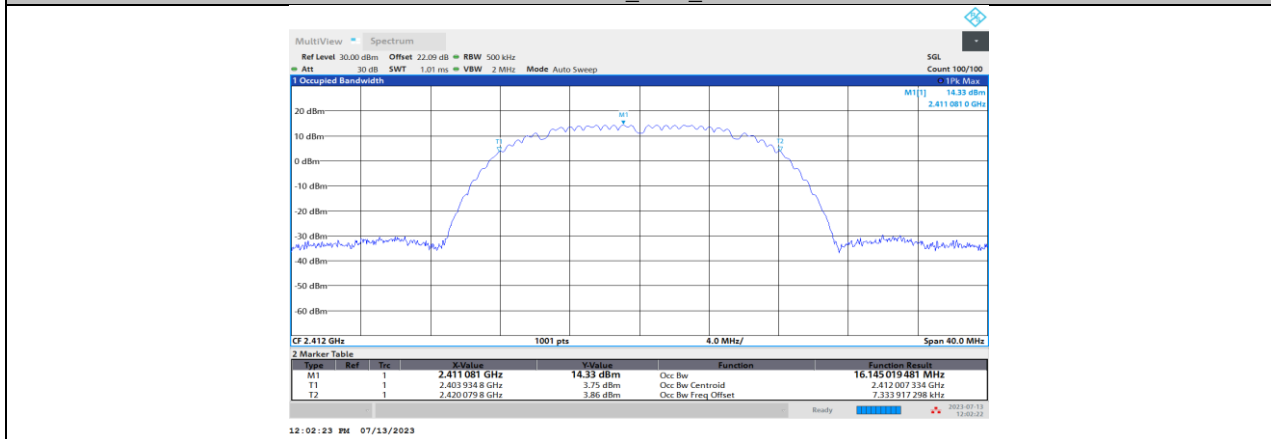
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B-CDD	Ant1	2412	16.143	2403.9150	2420.0577	PASS
	Ant2	2412	16.145	2403.9348	2420.0798	PASS
	Ant3	2412	16.2	2403.9101	2420.1098	PASS
	Ant4	2412	16.13	2403.9437	2420.0736	PASS
	Ant1	2417	16.127	2408.9204	2425.0470	PASS
	Ant2	2417	16.135	2408.9384	2425.0733	PASS
	Ant3	2417	16.143	2408.9330	2425.0761	PASS
	Ant4	2417	16.137	2408.9375	2425.0749	PASS
	Ant1	2437	16.135	2428.9038	2445.0388	PASS
	Ant2	2437	16.14	2428.9301	2445.0701	PASS
	Ant3	2437	16.147	2428.9222	2445.0691	PASS
	Ant4	2437	16.13	2428.9275	2445.0575	PASS
	Ant1	2457	16.126	2448.9150	2465.0409	PASS
	Ant2	2457	16.14	2448.9354	2465.0757	PASS
	Ant3	2457	16.139	2448.9266	2465.0659	PASS
	Ant4	2457	16.128	2448.9318	2465.0599	PASS
11G-CDD	Ant1	2462	16.128	2453.9108	2470.0387	PASS
	Ant2	2462	16.135	2453.9361	2470.0707	PASS
	Ant3	2462	16.142	2453.9275	2470.0694	PASS
	Ant4	2462	16.131	2453.9307	2470.0615	PASS
	Ant1	2412	17.437	2403.1877	2420.6251	PASS
	Ant2	2412	17.369	2403.2899	2420.6593	PASS
	Ant3	2412	17.329	2403.3219	2420.6506	PASS
	Ant4	2412	17.276	2403.3053	2420.5812	PASS
	Ant1	2417	17.412	2408.2527	2425.6650	PASS
	Ant2	2417	17.335	2408.3219	2425.6567	PASS
	Ant3	2417	17.329	2408.3213	2425.6498	PASS
	Ant4	2417	17.232	2408.3425	2425.5746	PASS
	Ant1	2437	17.4	2428.1830	2445.5826	PASS
	Ant2	2437	17.28	2428.3392	2445.6192	PASS
	Ant3	2437	17.237	2428.3634	2445.6006	PASS
	Ant4	2437	17.262	2428.3317	2445.5933	PASS
11BE20MIMO	Ant1	2457	17.389	2448.2351	2465.6236	PASS
	Ant2	2457	17.293	2448.3484	2465.6418	PASS
	Ant3	2457	17.326	2448.3323	2465.6582	PASS
	Ant4	2457	17.186	2448.3645	2465.5508	PASS
	Ant1	2462	17.352	2453.2418	2470.5935	PASS
	Ant2	2462	17.243	2453.3727	2470.6155	PASS
	Ant3	2462	17.353	2453.3007	2470.6537	PASS
	Ant4	2462	17.154	2453.3920	2470.5461	PASS
	Ant1	2412	19.319	2402.3155	2421.6341	PASS
	Ant2	2412	19.294	2402.3862	2421.6802	PASS
	Ant3	2412	19.243	2402.4096	2421.6527	PASS
	Ant4	2412	19.261	2402.3691	2421.6304	PASS
	Ant1	2417	19.298	2407.3769	2426.6752	PASS
	Ant2	2417	19.218	2407.4064	2426.6249	PASS
	Ant3	2417	19.204	2407.3998	2426.6039	PASS
	Ant4	2417	19.272	2407.4022	2426.6743	PASS
Ant1	2437	19.258	2427.3684	2446.6267	PASS	
Ant2	2437	19.245	2427.3965	2446.6417	PASS	
Ant3	2437	19.275	2427.3341	2446.6089	PASS	
Ant4	2437	19.294	2427.3517	2446.6459	PASS	
Ant1	2457	19.25	2447.3580	2466.6082	PASS	

	Ant2	2457	19.258	2447.3593	2466.6177	PASS
	Ant3	2457	19.267	2447.4140	2466.6807	PASS
	Ant4	2457	19.302	2447.3578	2466.6602	PASS
	Ant1	2462	19.265	2452.3608	2471.6257	PASS
	Ant2	2462	19.211	2452.4063	2471.6173	PASS
	Ant3	2462	19.202	2452.4176	2471.6197	PASS
	Ant4	2462	19.298	2452.3510	2471.6486	PASS
11BE40MIMO	Ant1	2422	38.394	2402.7571	2441.1507	PASS
	Ant2	2422	38.292	2402.8580	2441.1505	PASS
	Ant3	2422	38.332	2402.8508	2441.1825	PASS
	Ant4	2422	38.259	2402.8371	2441.0956	PASS
	Ant1	2427	38.271	2407.8597	2446.1309	PASS
	Ant2	2427	38.476	2407.7500	2446.2259	PASS
	Ant3	2427	38.307	2407.8694	2446.1764	PASS
	Ant4	2427	38.387	2407.8549	2446.2423	PASS
	Ant1	2437	38.332	2417.8743	2456.2059	PASS
	Ant2	2437	38.241	2417.8905	2456.1320	PASS
	Ant3	2437	38.415	2417.8317	2456.2466	PASS
	Ant4	2437	38.4	2417.8092	2456.2091	PASS
	Ant1	2447	38.353	2427.8276	2466.1808	PASS
	Ant2	2447	38.258	2427.9231	2466.1813	PASS
	Ant3	2447	38.361	2427.8625	2466.2236	PASS
	Ant4	2447	38.36	2427.9062	2466.2658	PASS
	Ant1	2452	38.345	2432.7935	2471.1381	PASS
	Ant2	2452	38.436	2432.7604	2471.1965	PASS
	Ant3	2452	38.332	2432.8139	2471.1462	PASS
	Ant4	2452	38.315	2432.8684	2471.1831	PASS

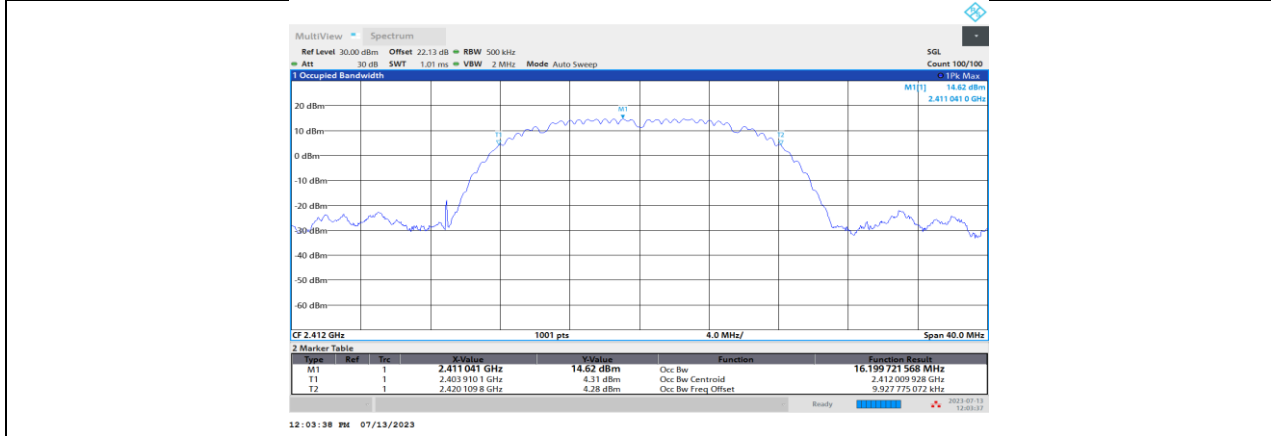
### 11.2.2. Test Graphs



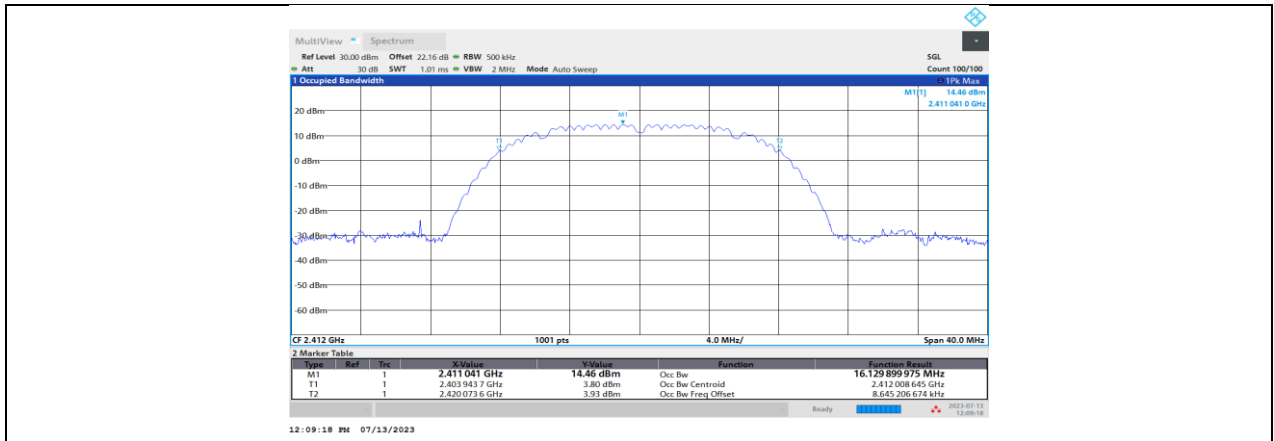
11B-CDD\_Ant1\_2412



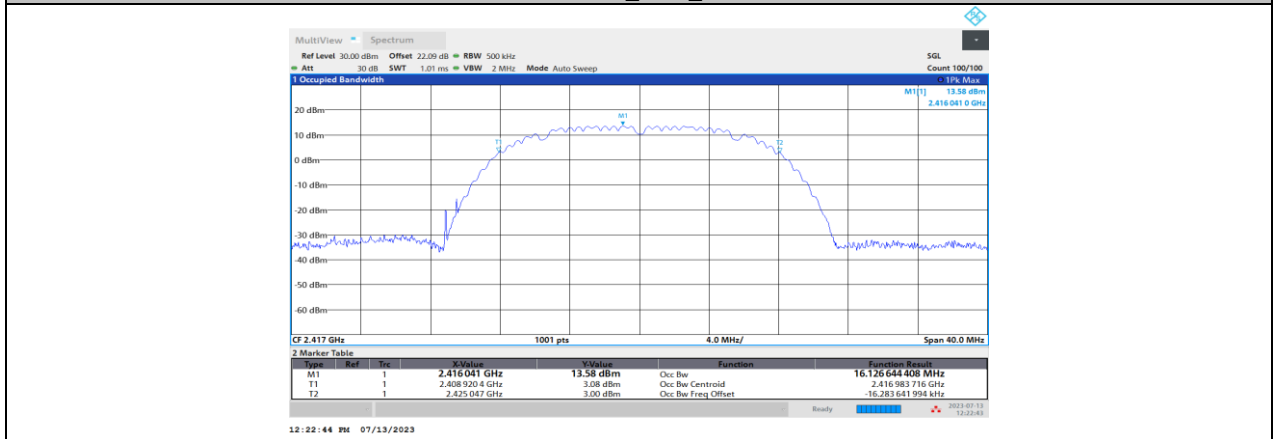
11B-CDD\_Ant2\_2412



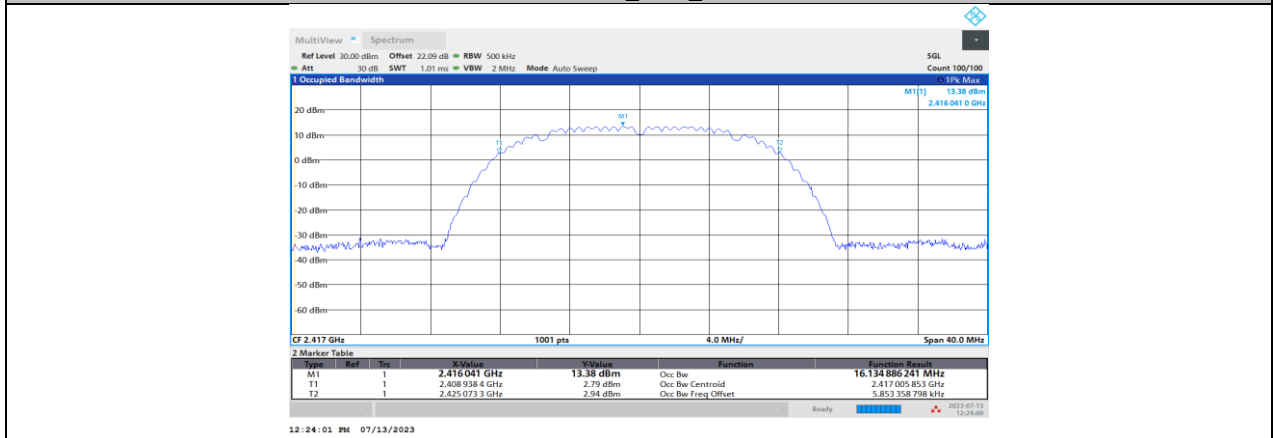
11B-CDD\_Ant3\_2412



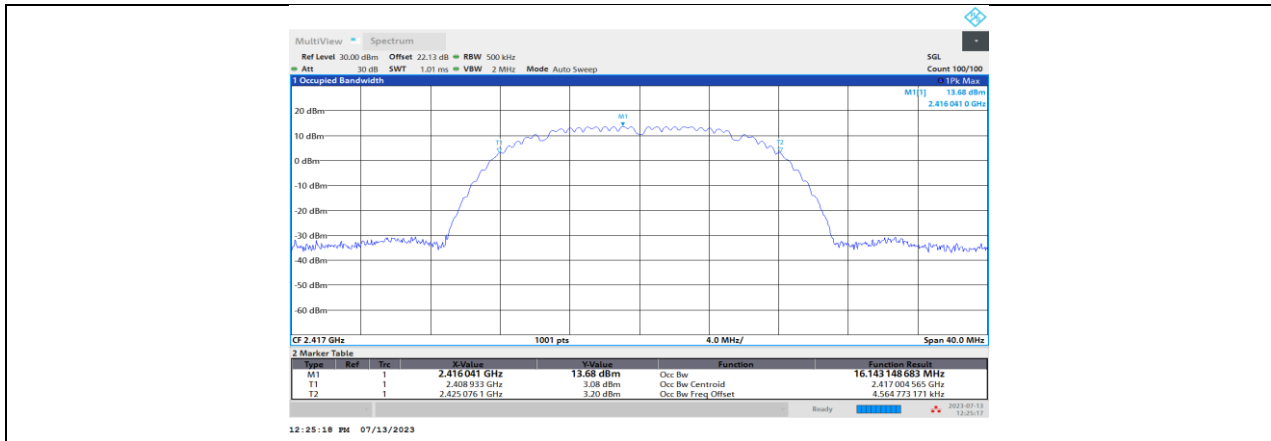
11B-CDD\_Ant4\_2412



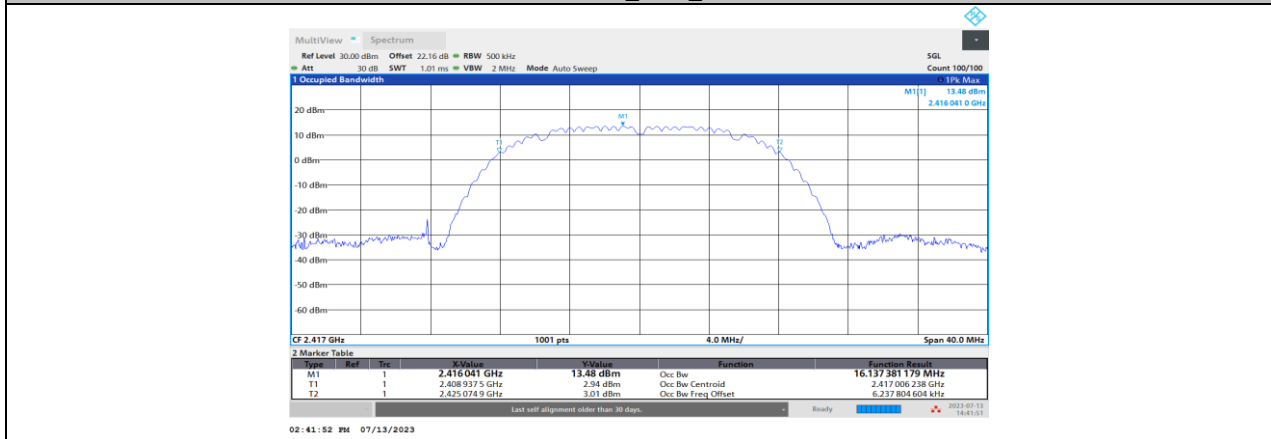
11B-CDD\_Ant1\_2417



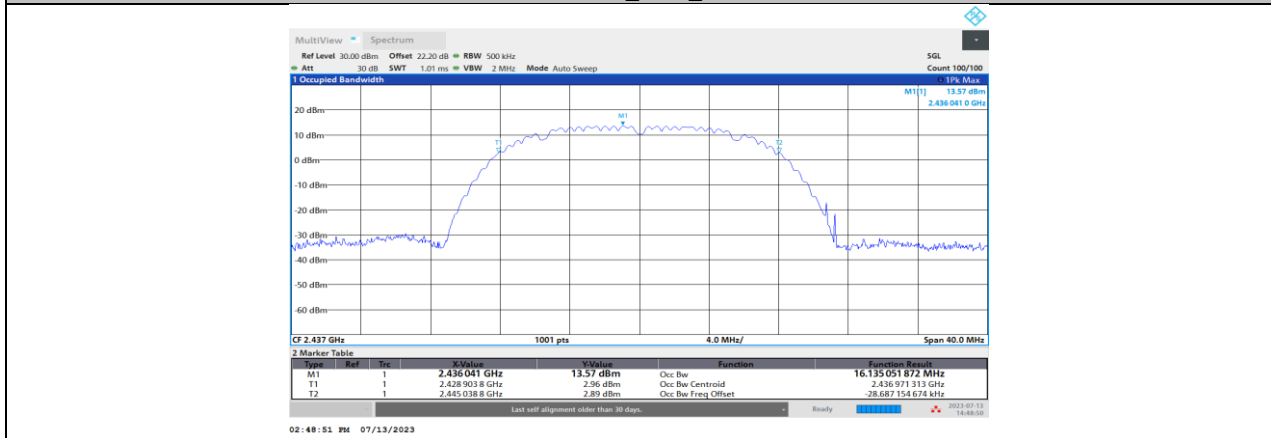
11B-CDD\_Ant2\_2417



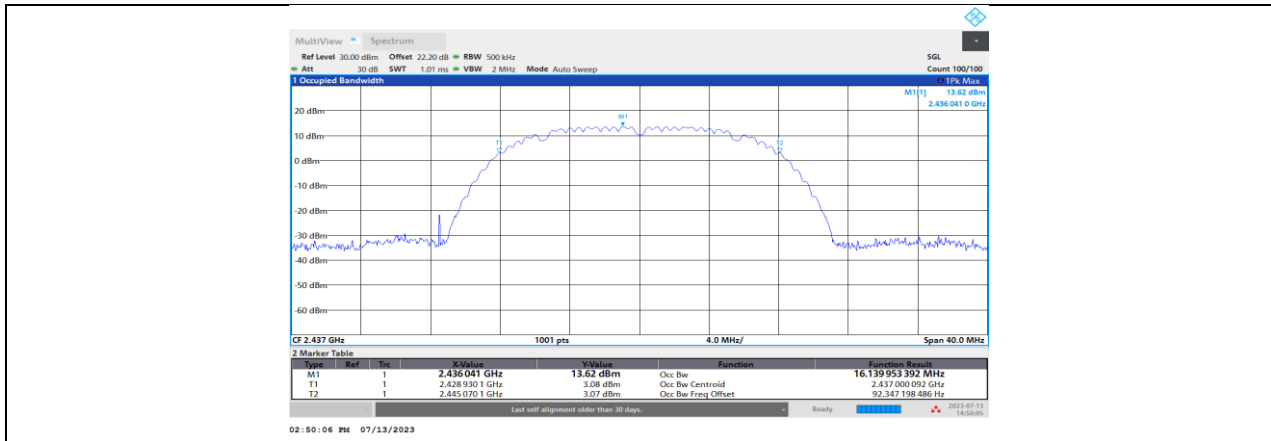
11B-CDD\_Ant3\_2417



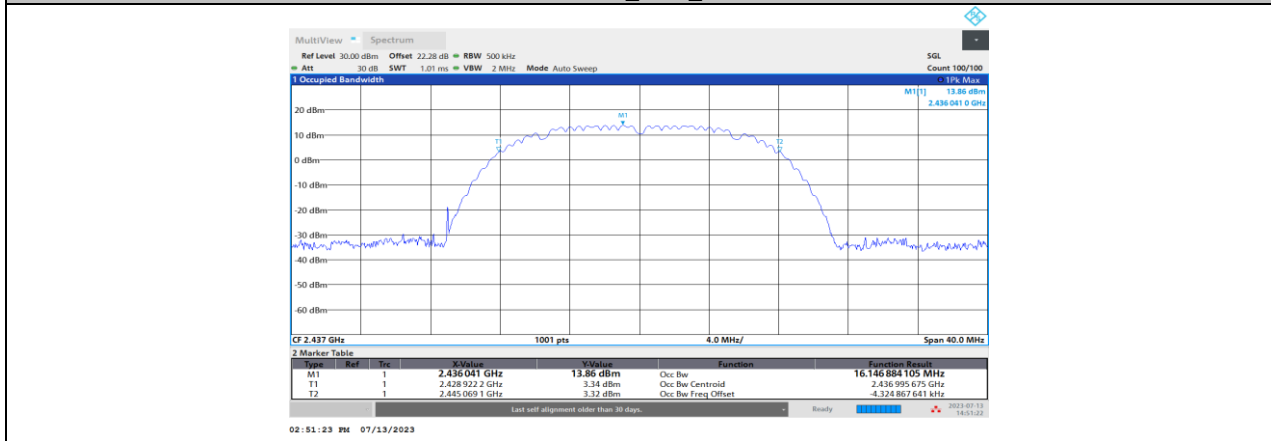
11B-CDD\_Ant4\_2417



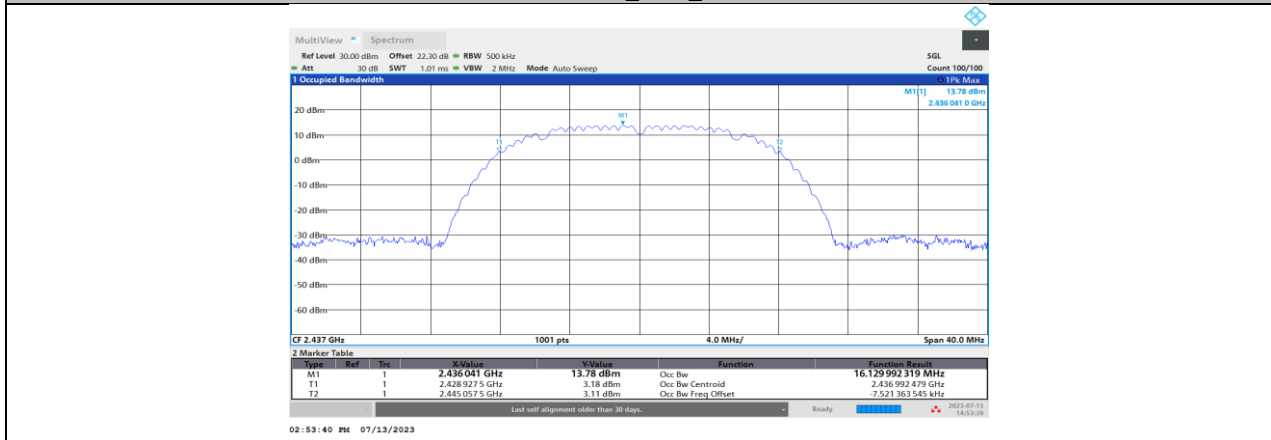
11B-CDD\_Ant1\_2437



11B-CDD\_Ant2\_2437

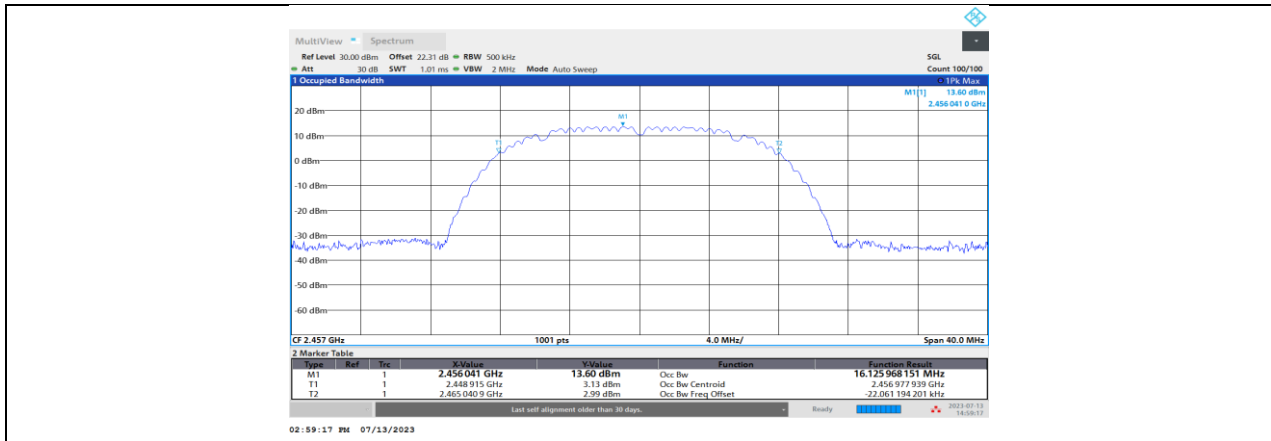


11B-CDD\_Ant3\_2437

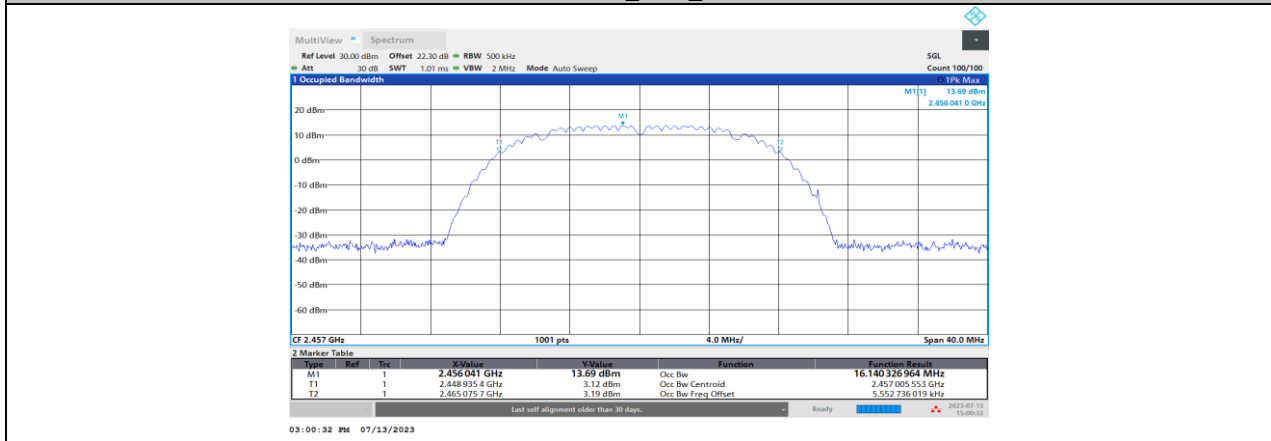


11B-CDD\_Ant4\_2437

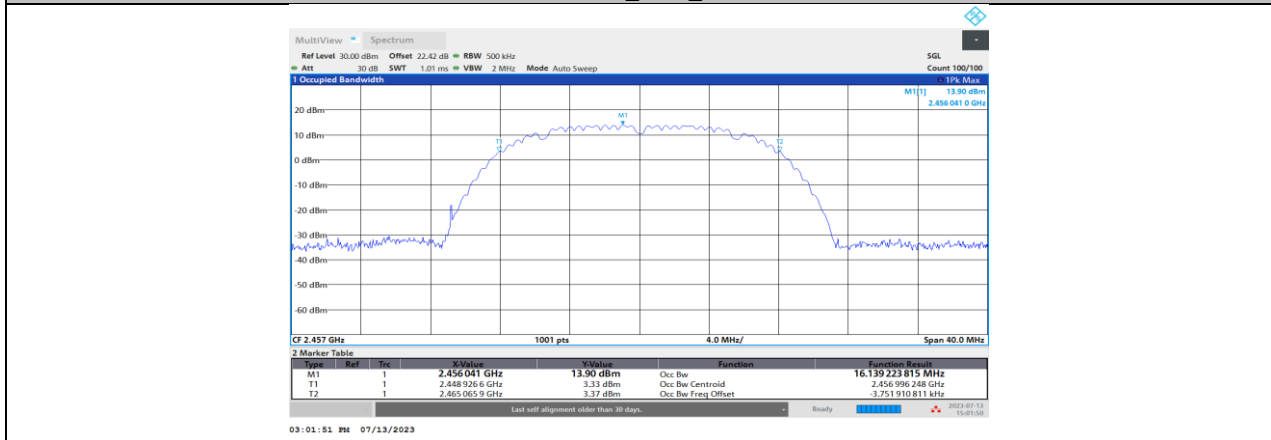




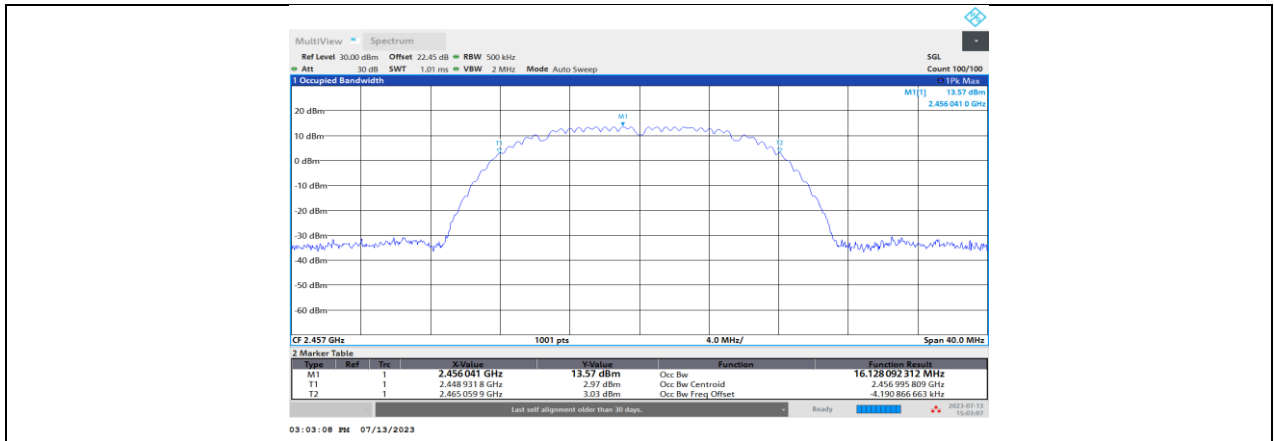
11B-CDD\_Ant1\_2457



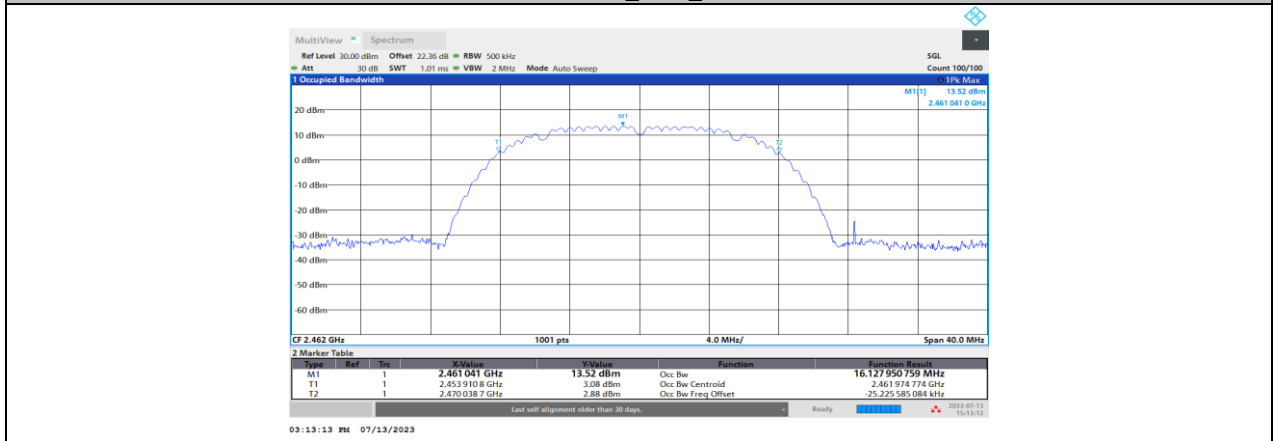
11B-CDD\_Ant2\_2457



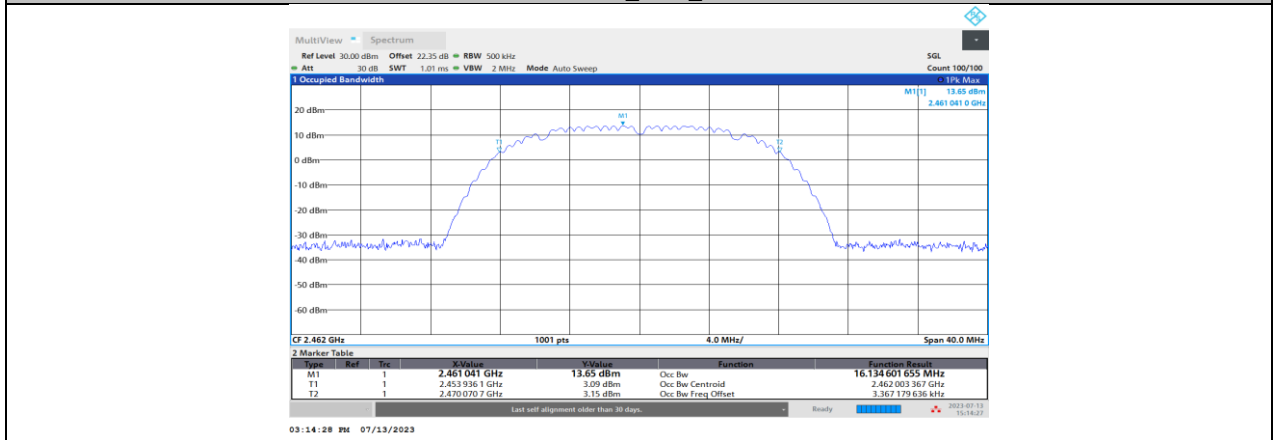
11B-CDD\_Ant3\_2457



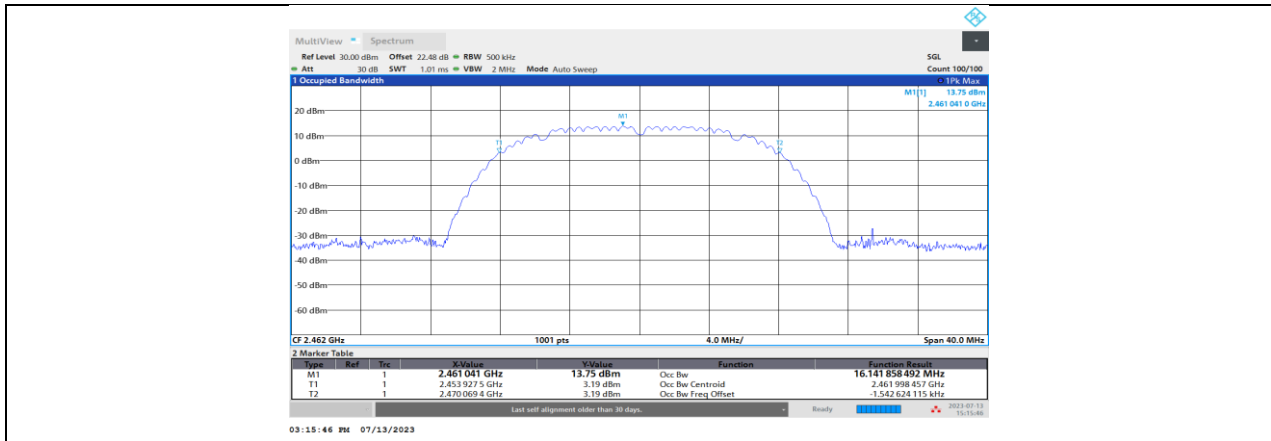
11B-CDD\_Ant4\_2457



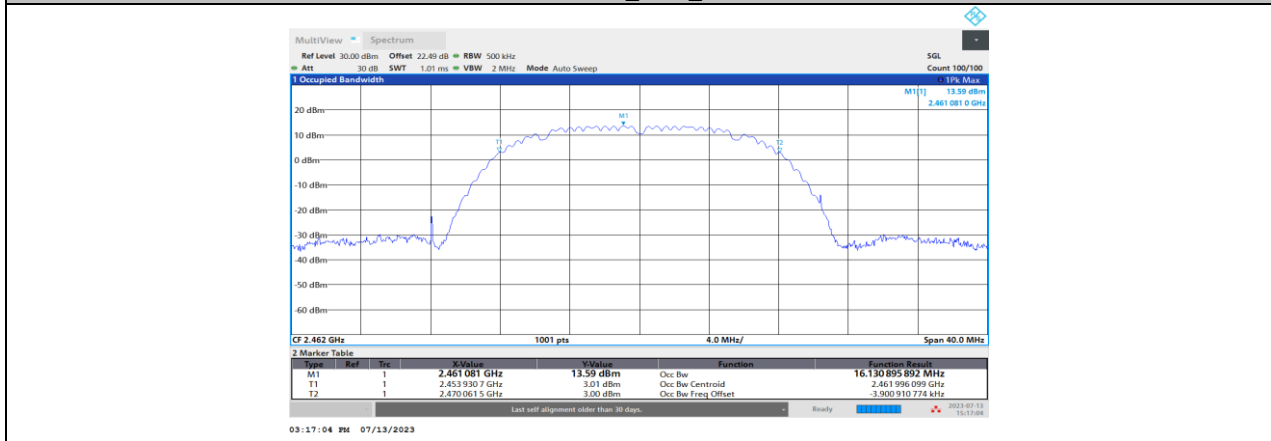
11B-CDD\_Ant1\_2462



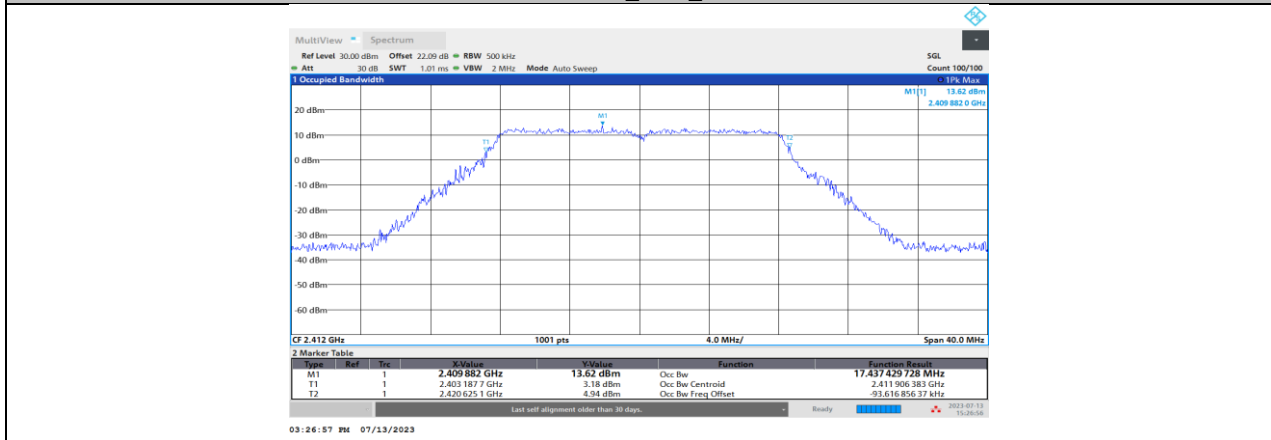
11B-CDD\_Ant2\_2462



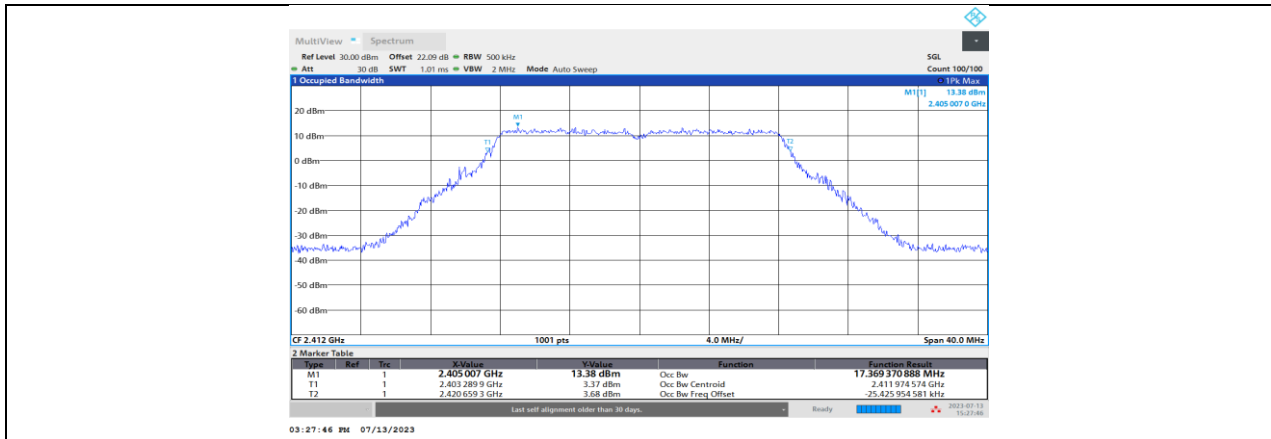
11B-CDD\_Ant3\_2462



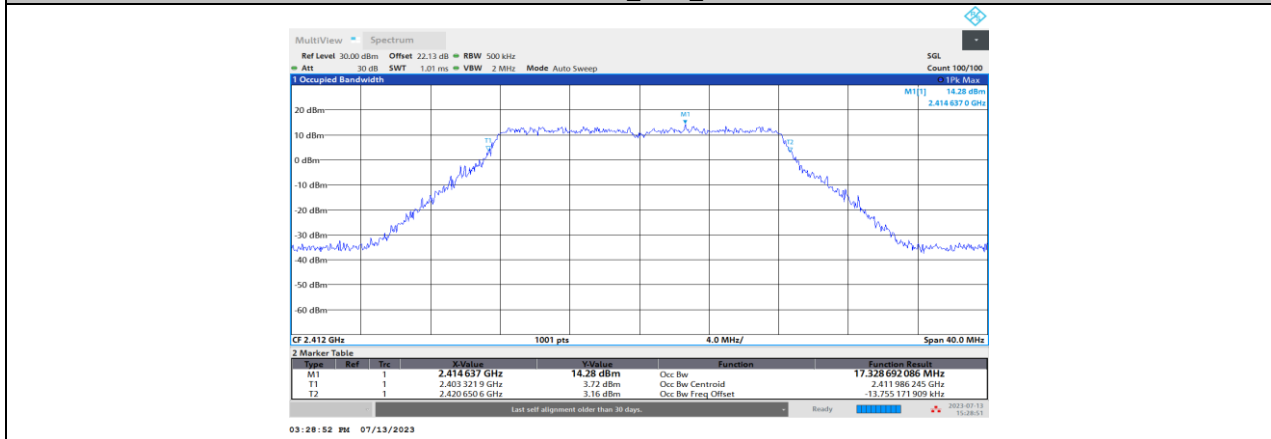
11B-CDD\_Ant4\_2462



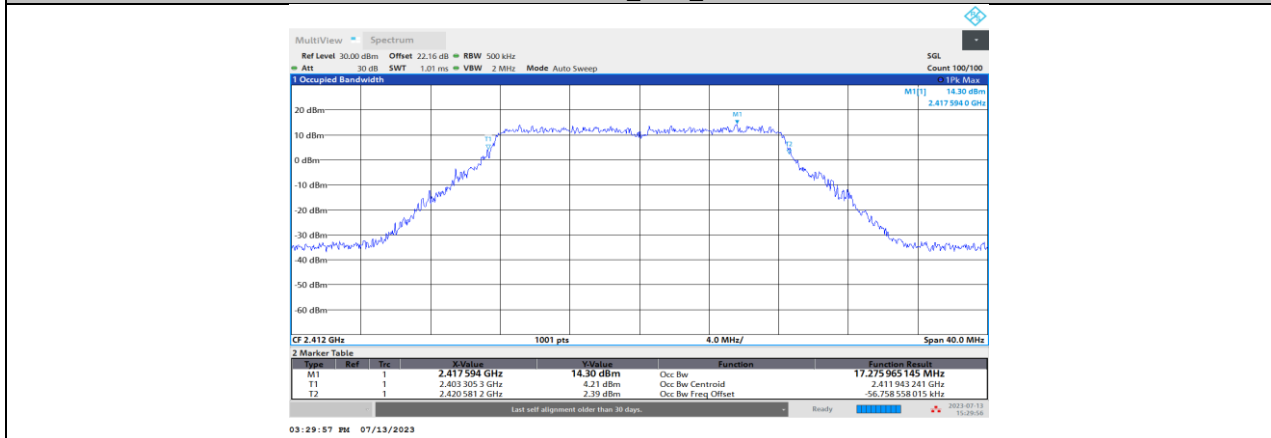
11G-CDD\_Ant1\_2412



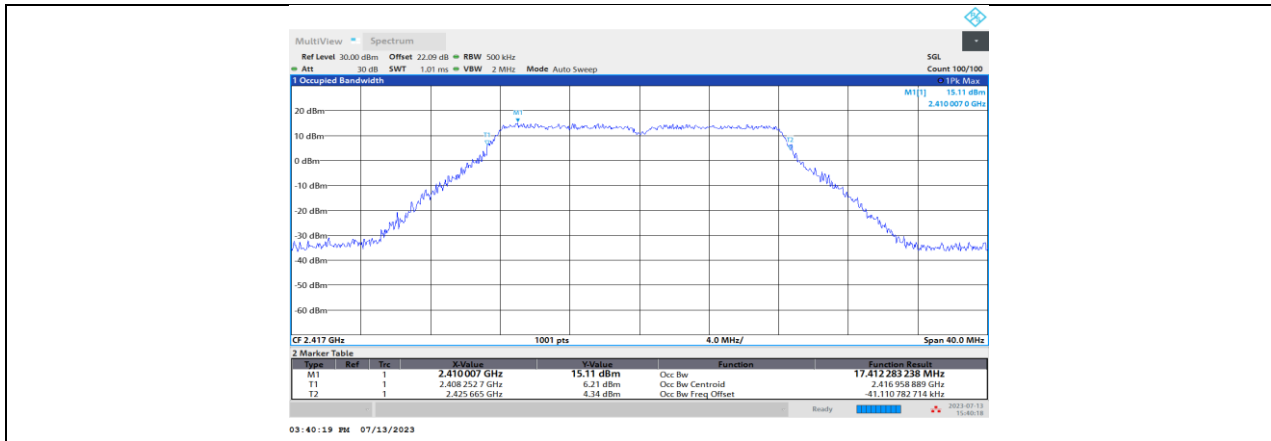
11G-CDD\_Ant2\_2412



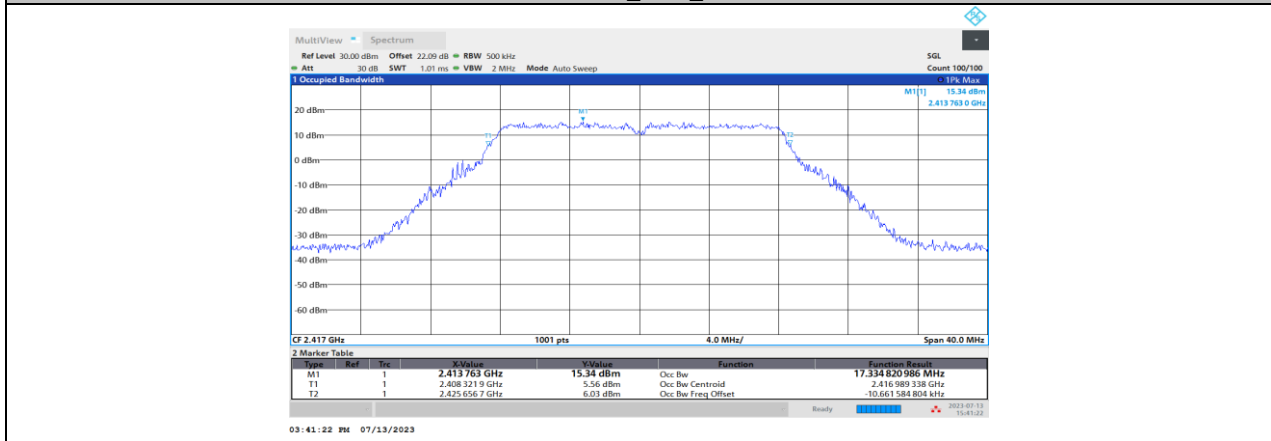
11G-CDD\_Ant3\_2412



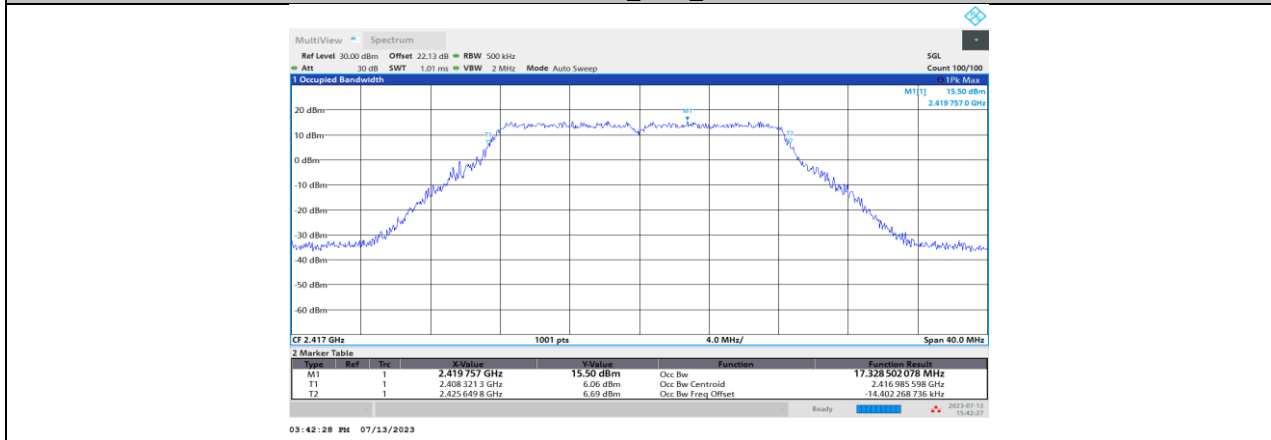
11G-CDD\_Ant4\_2412



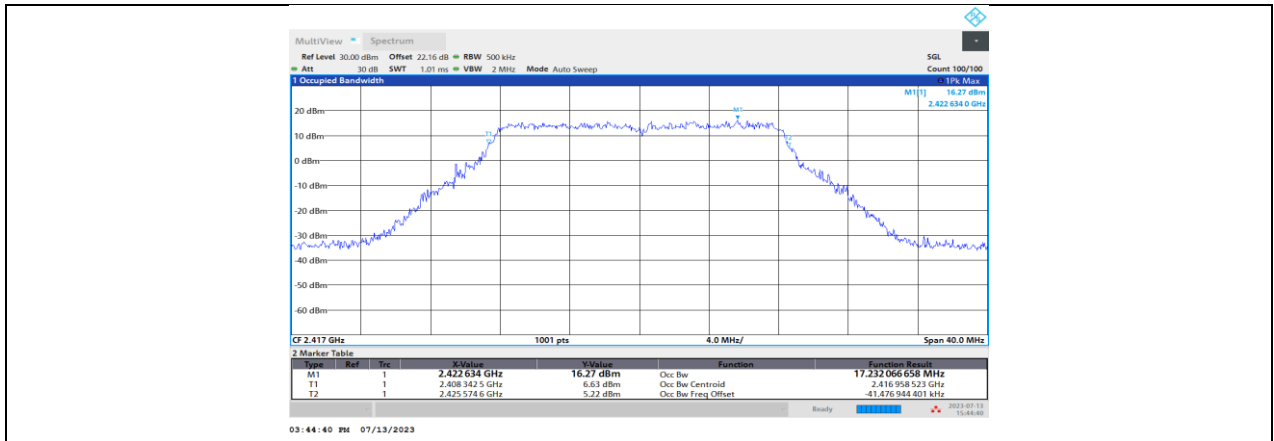
11G-CDD\_Ant1\_2417



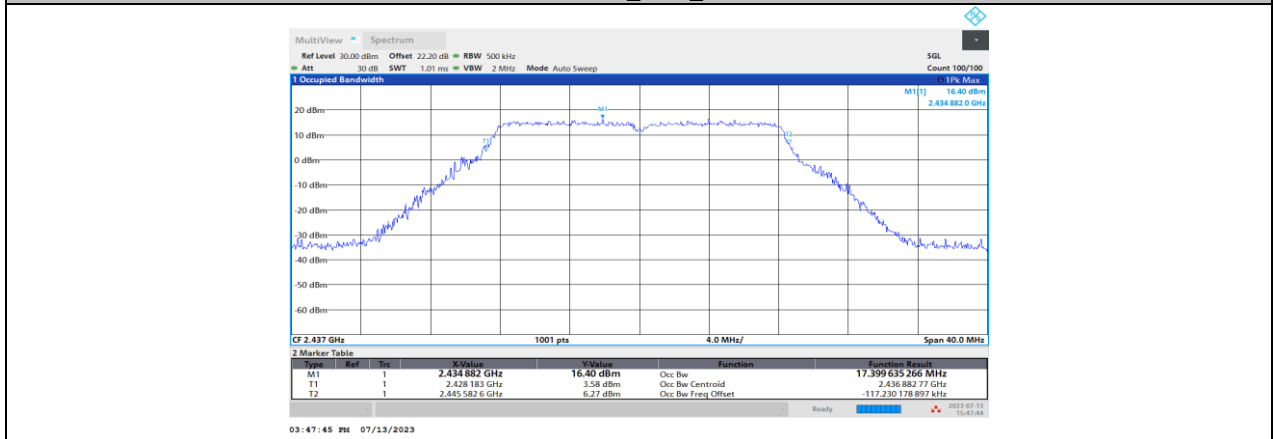
11G-CDD\_Ant2\_2417



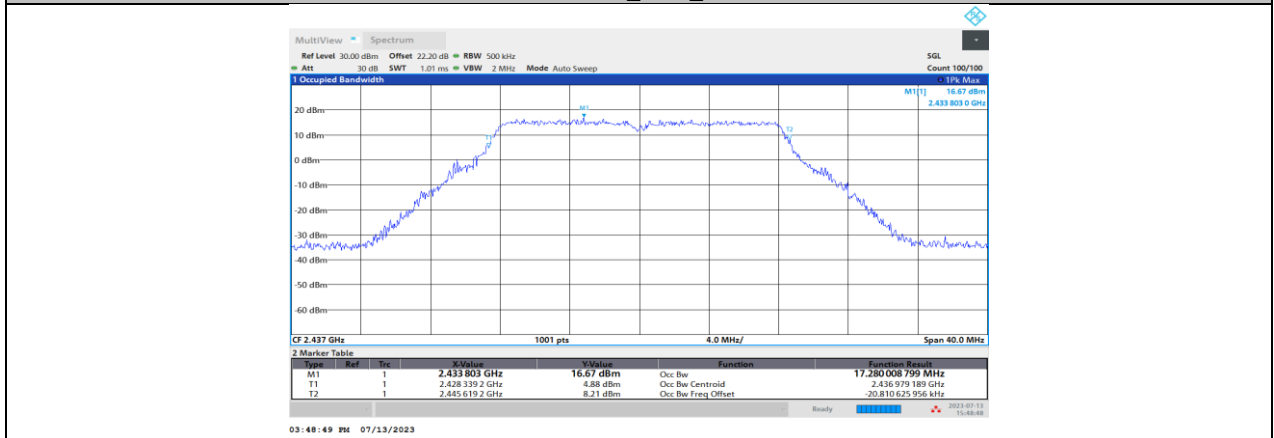
11G-CDD\_Ant3\_2417



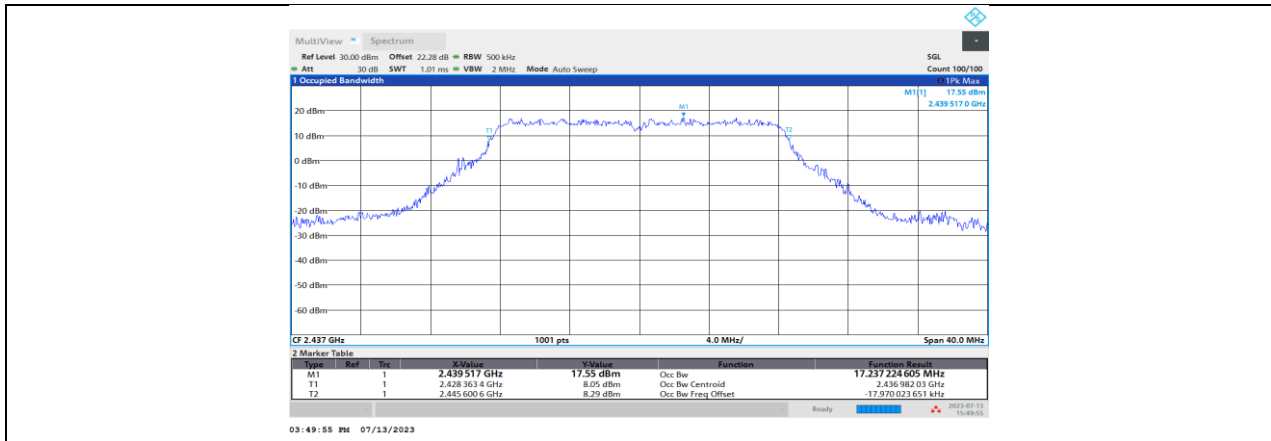
11G-CDD\_Ant4\_2417



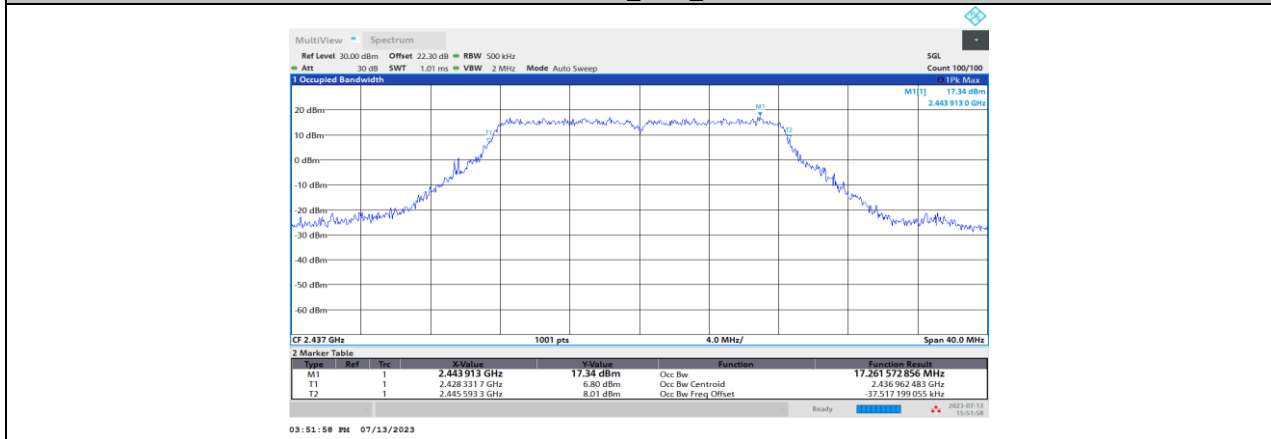
11G-CDD\_Ant1\_2437



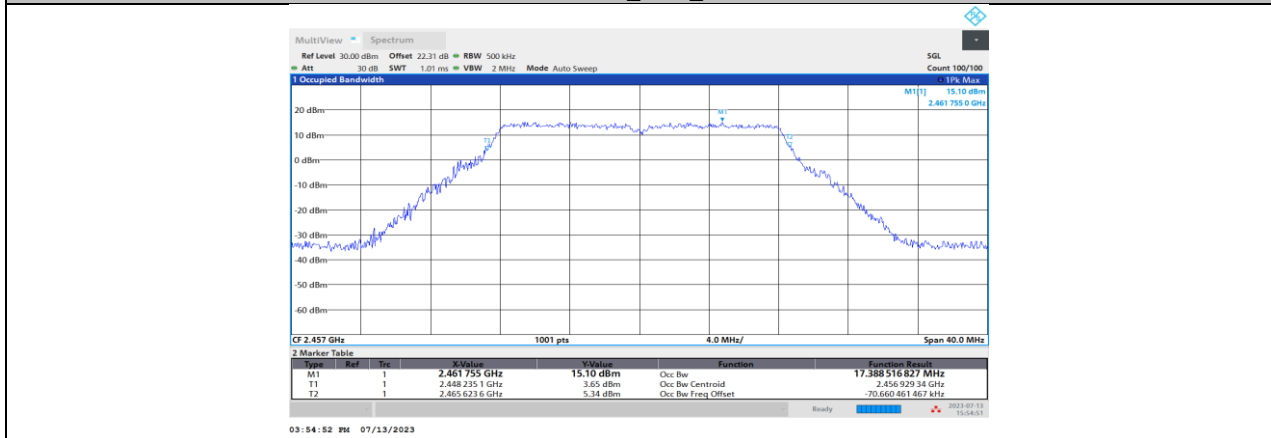
11G-CDD\_Ant2\_2437



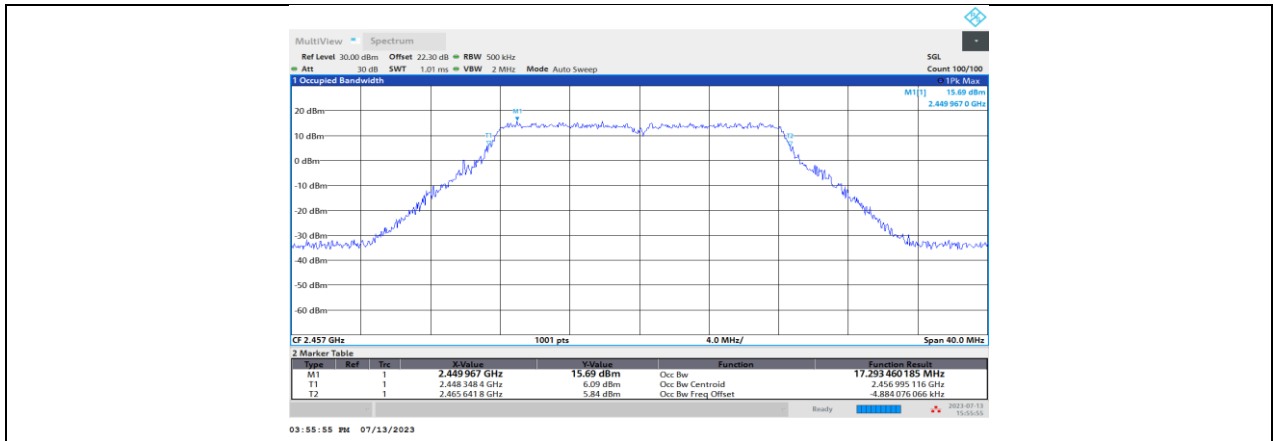
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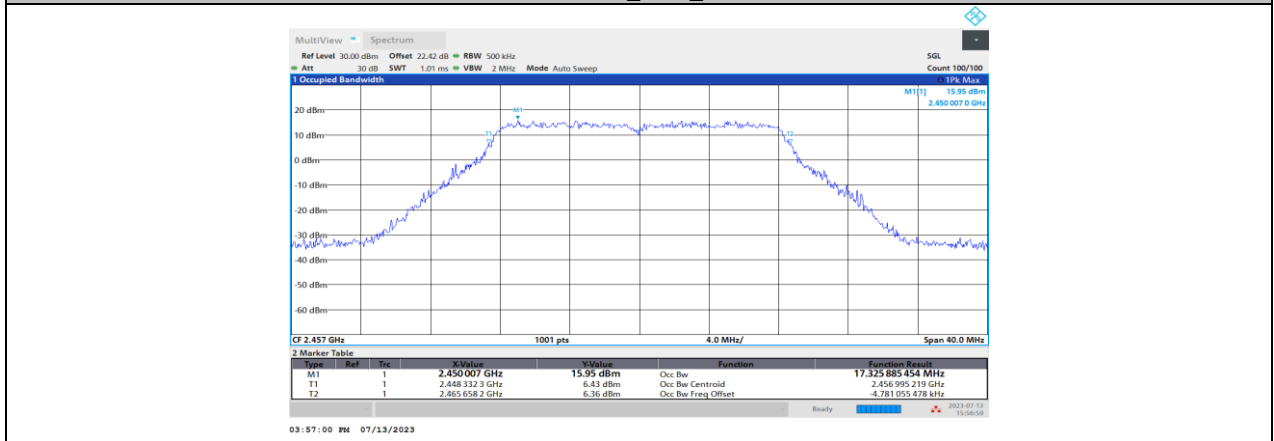
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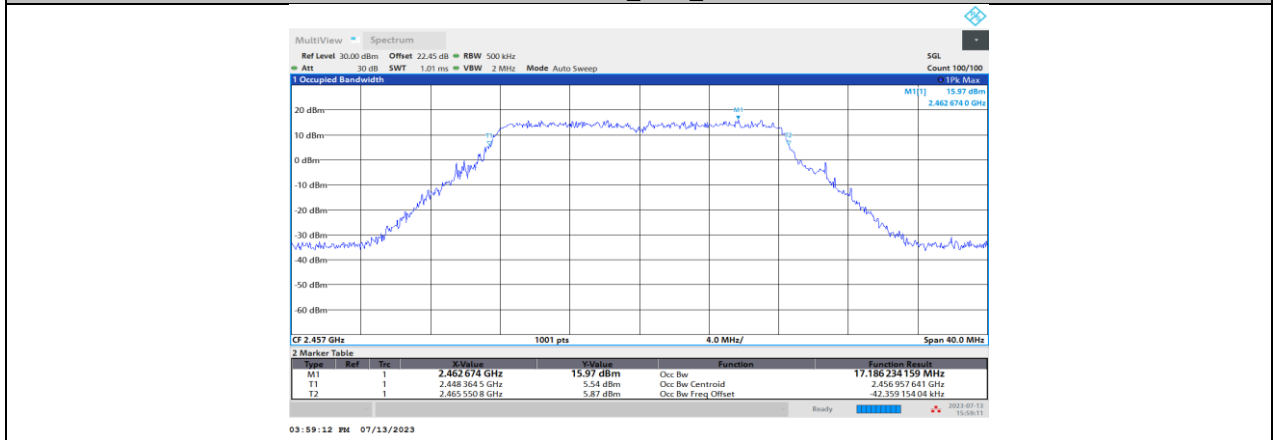
11G-CDD\_Ant1\_2457



11G-CDD\_Ant2\_2457

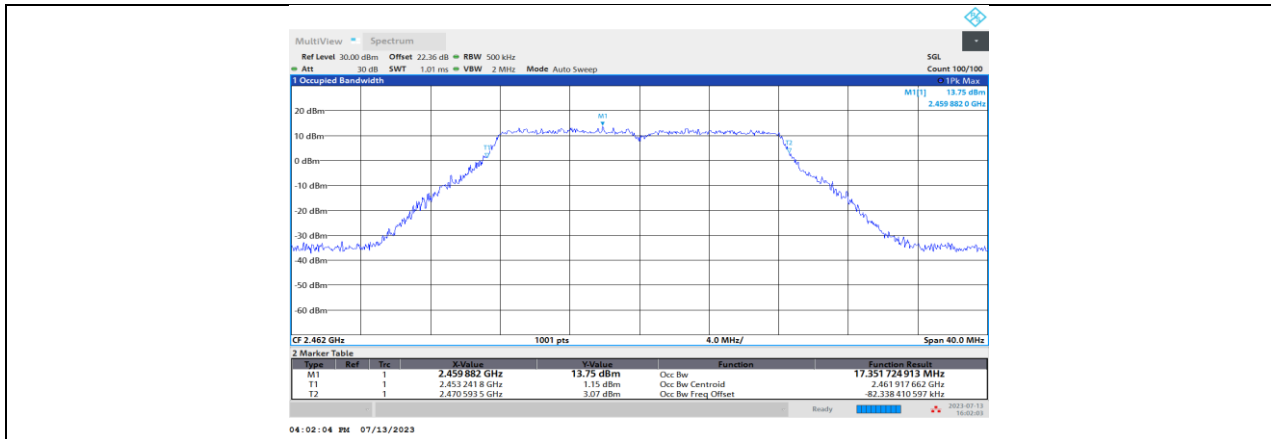


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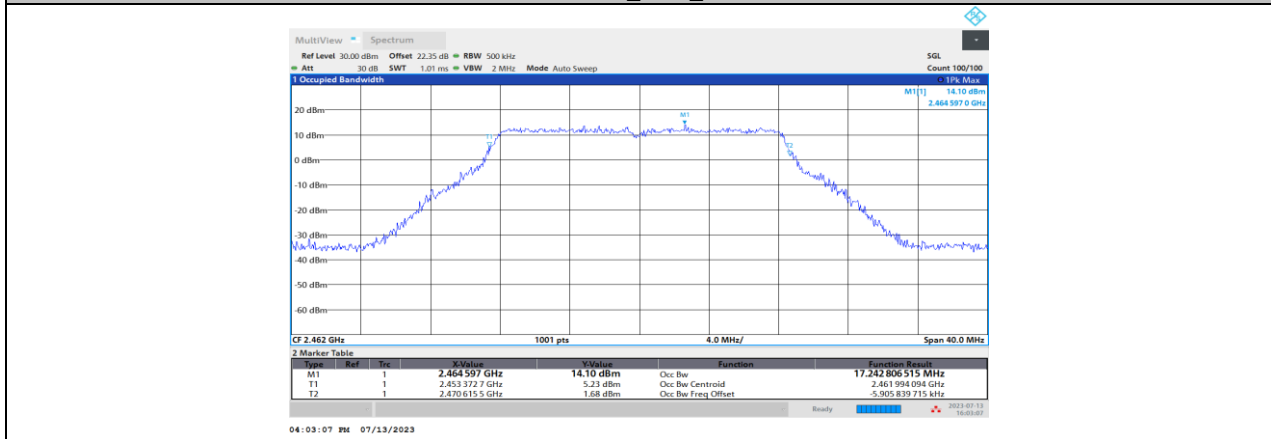


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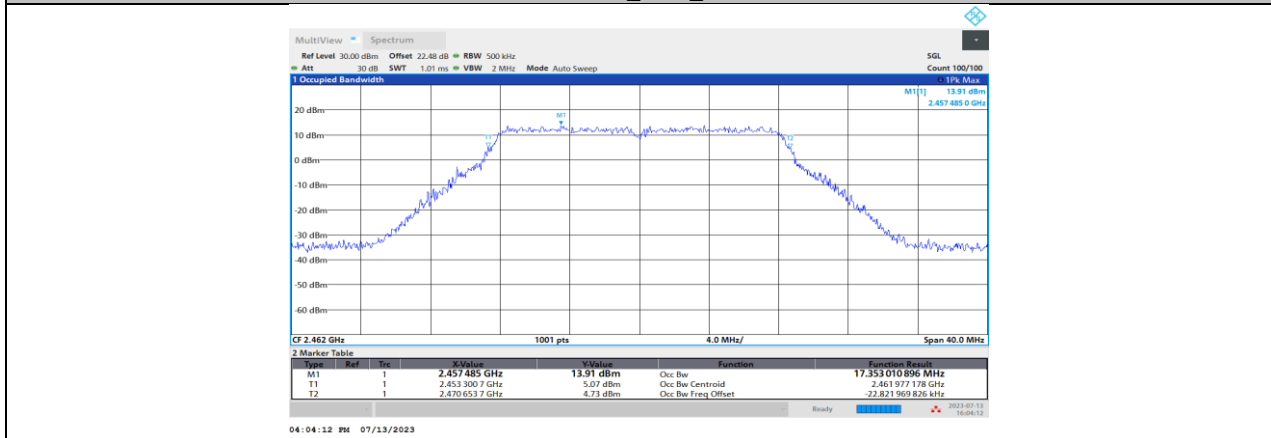




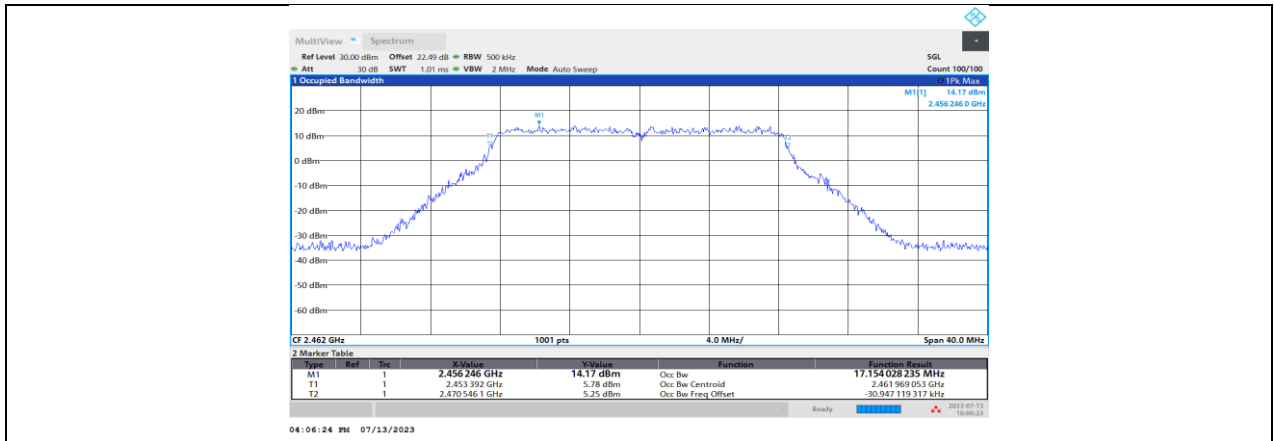
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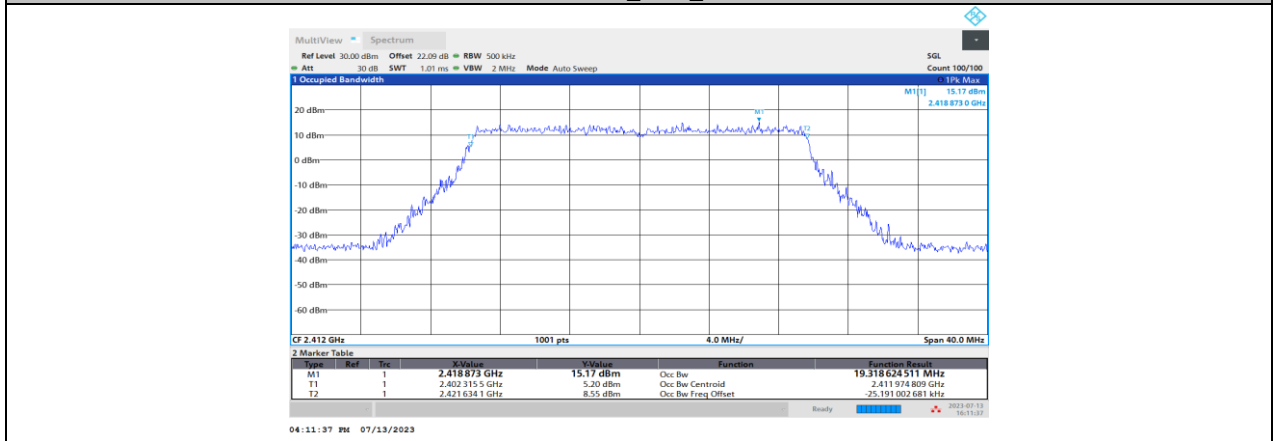
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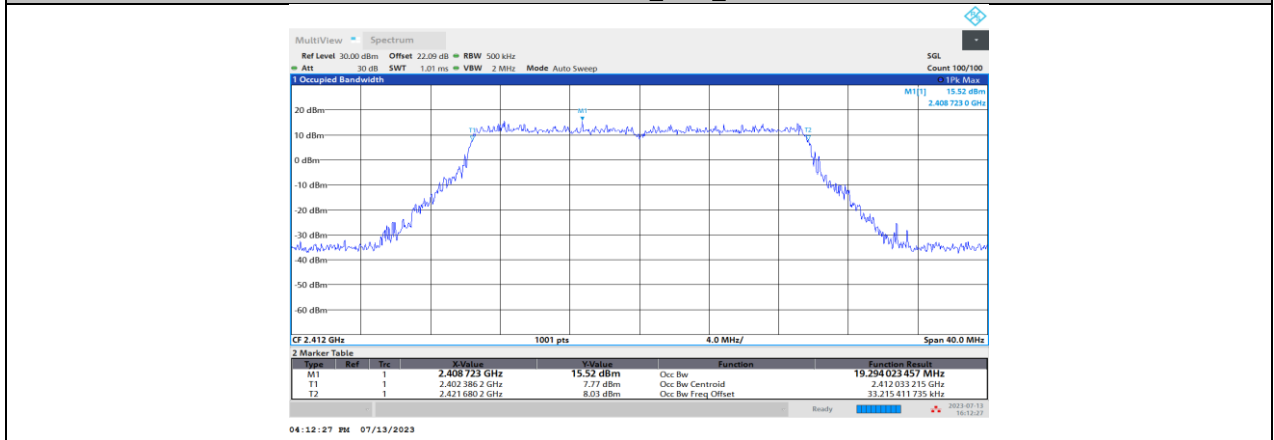
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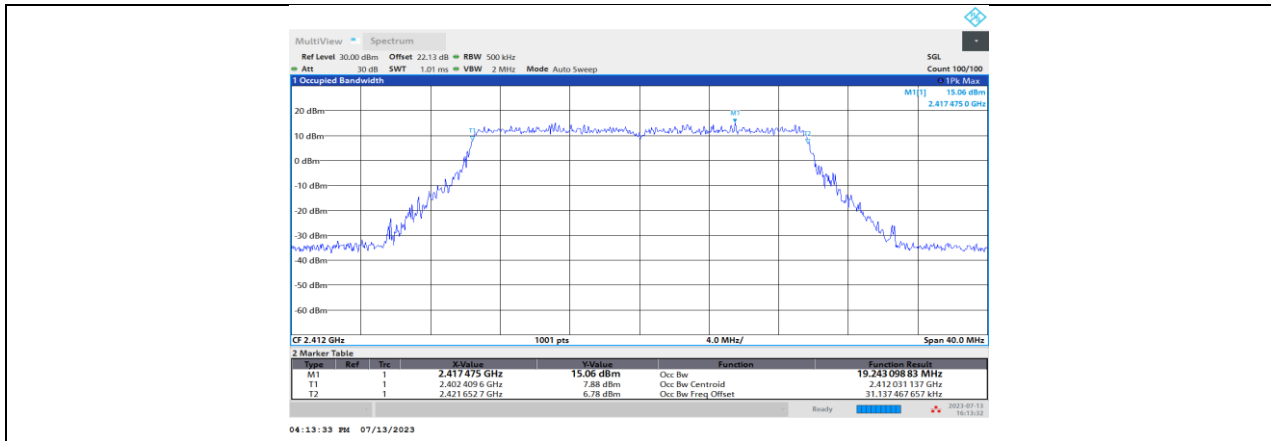
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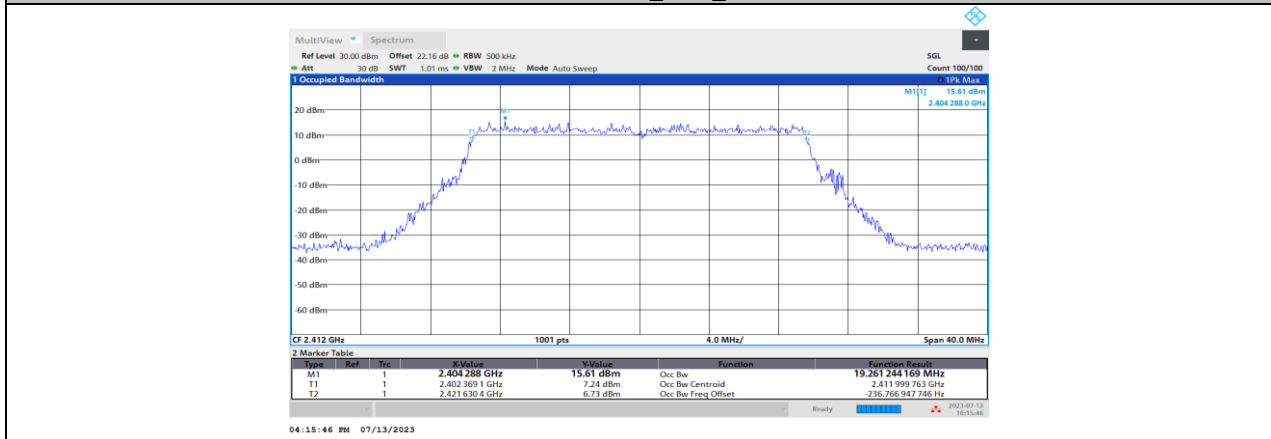
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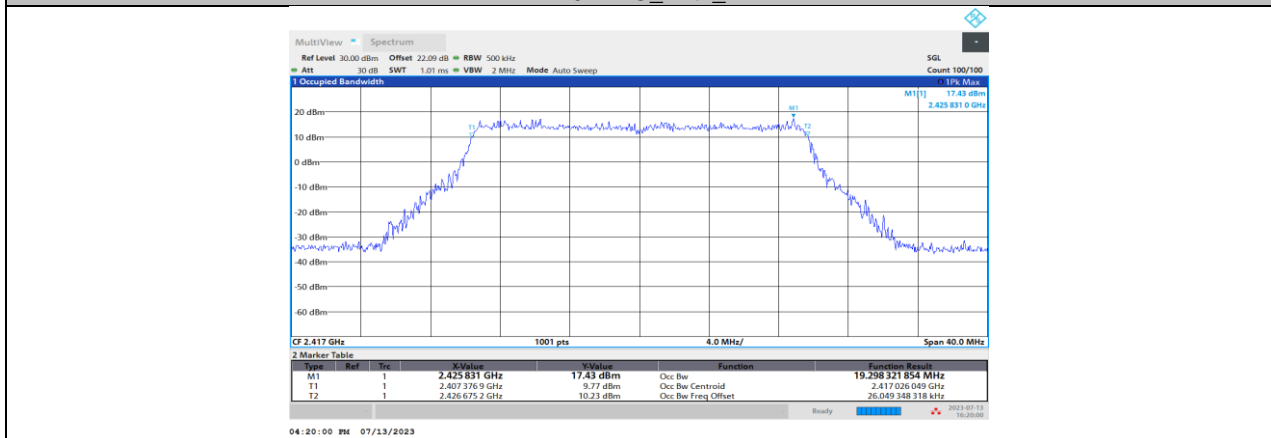
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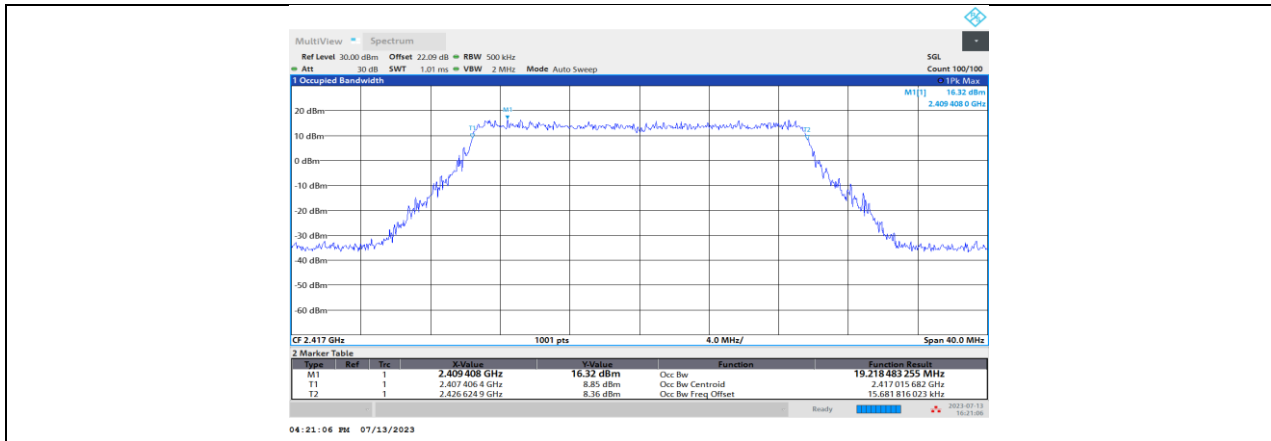
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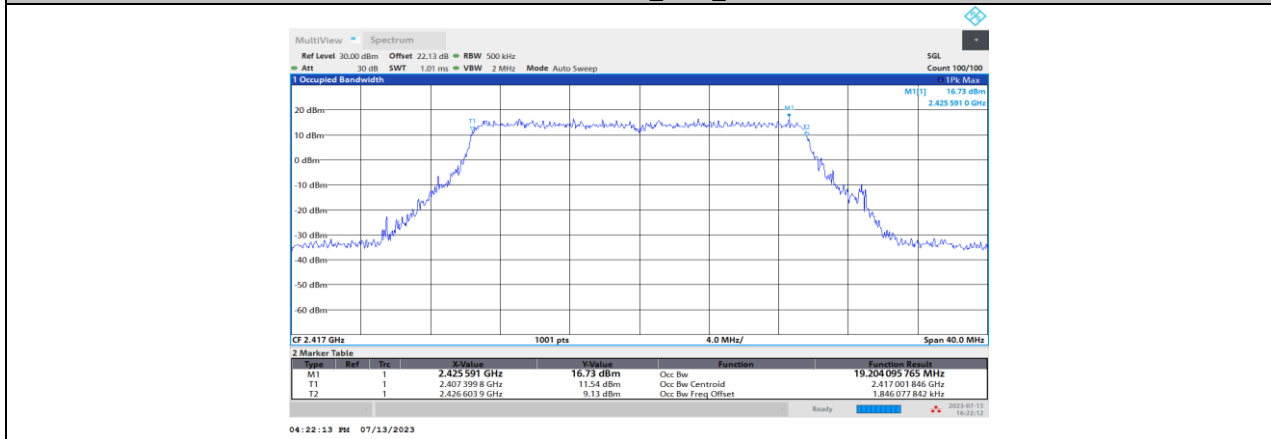
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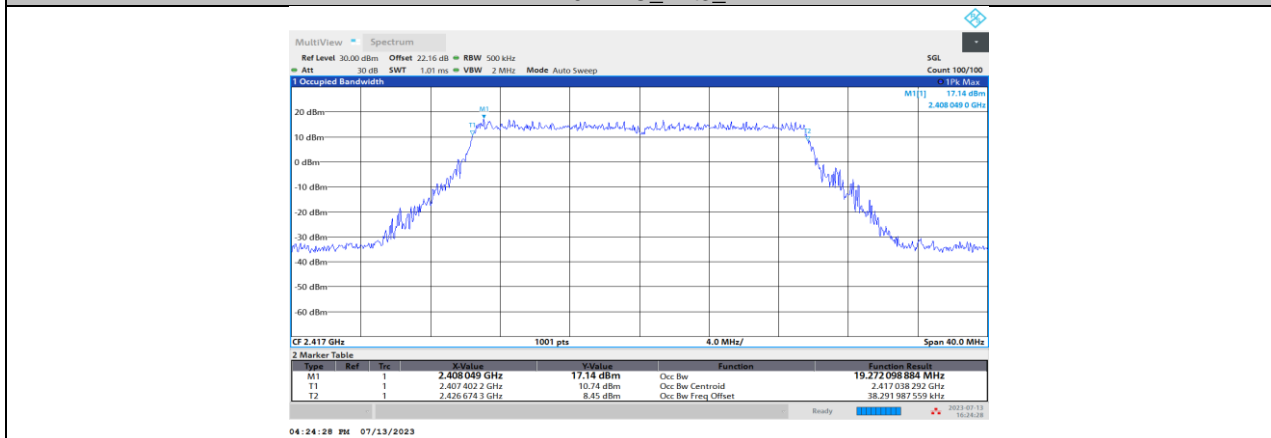
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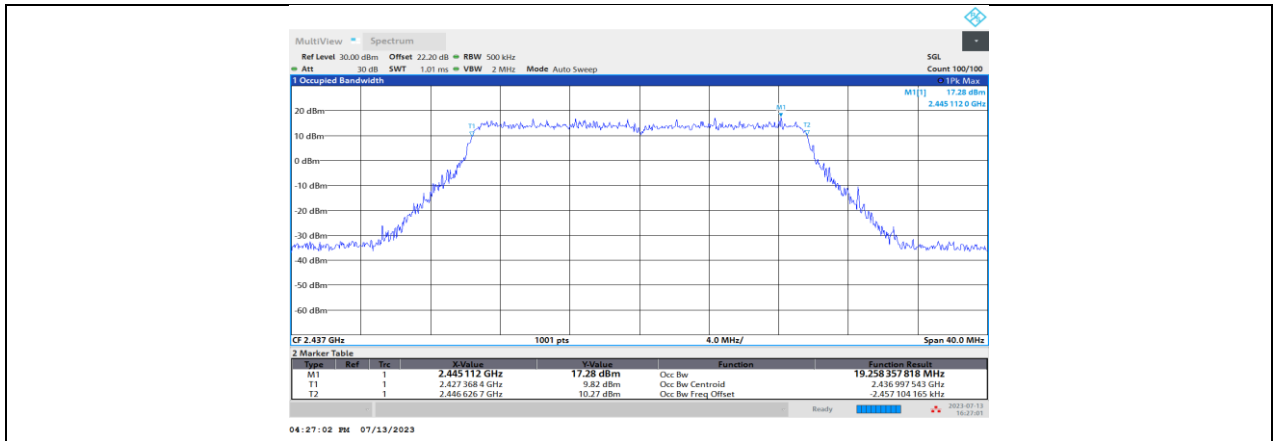
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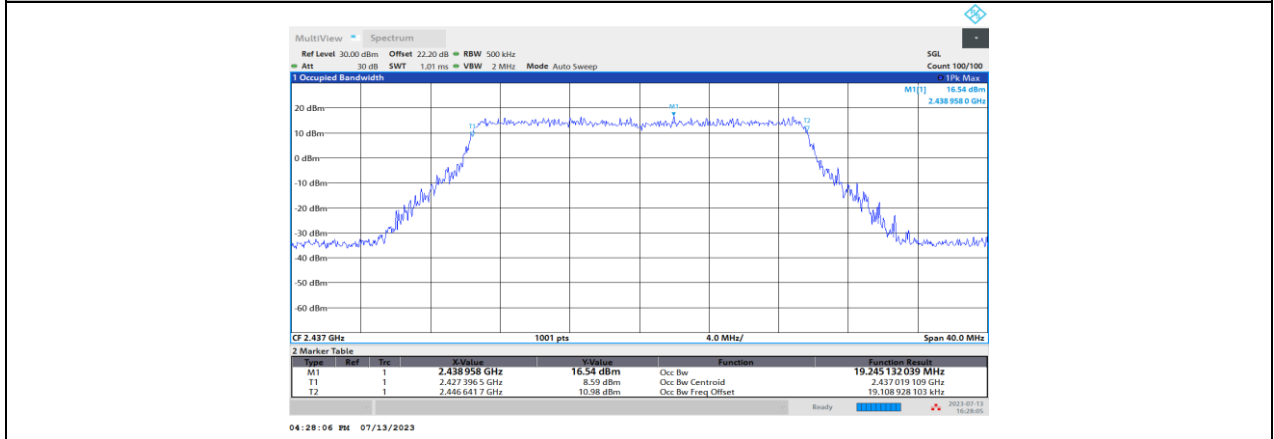
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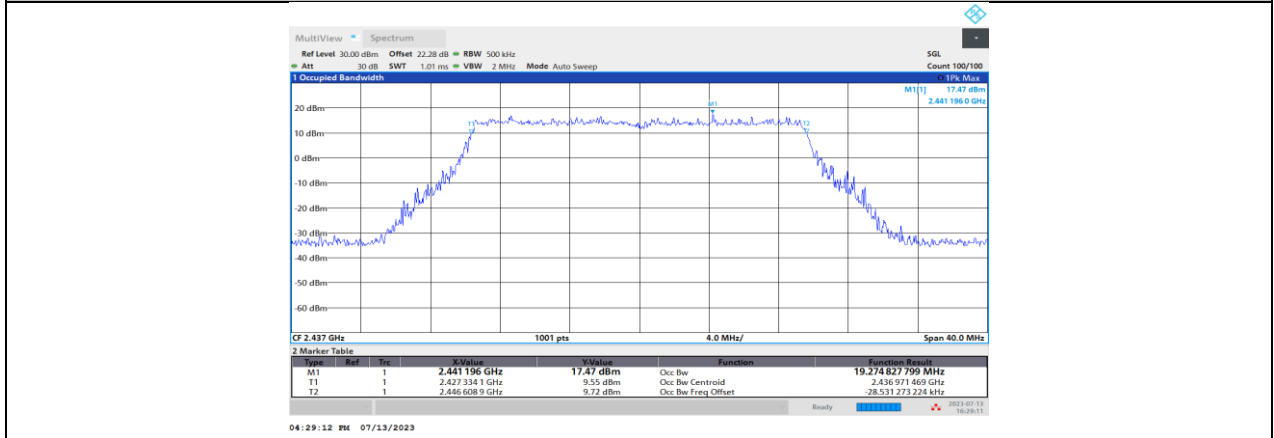
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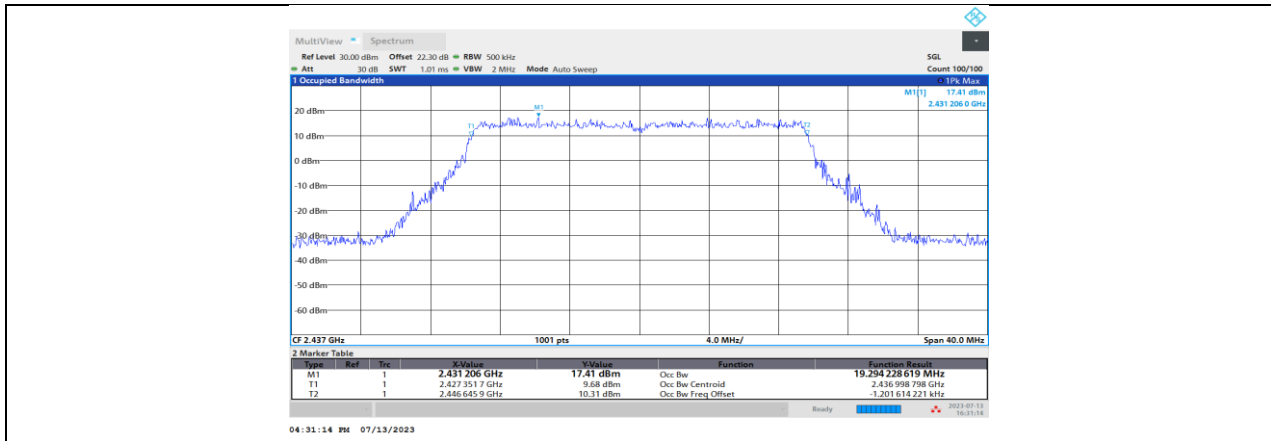
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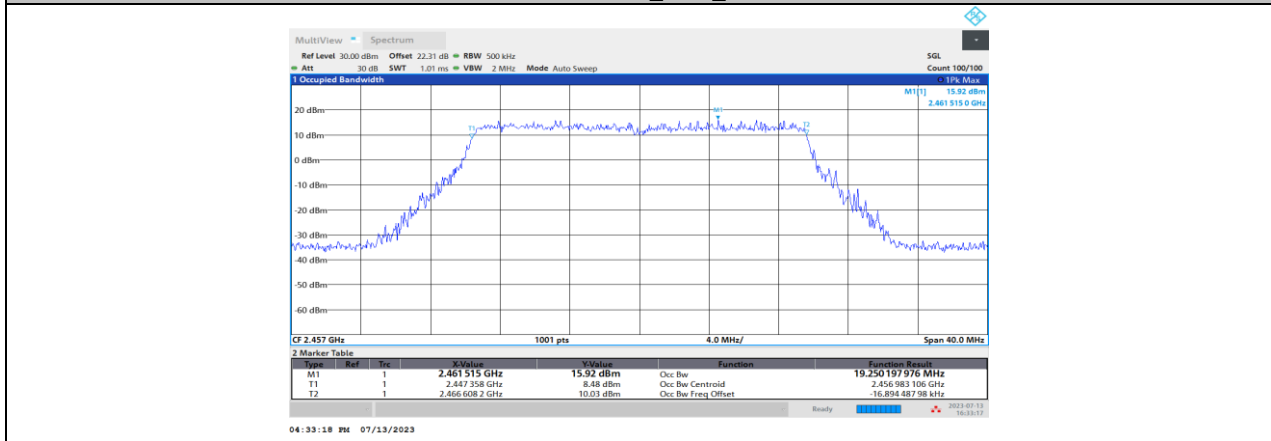
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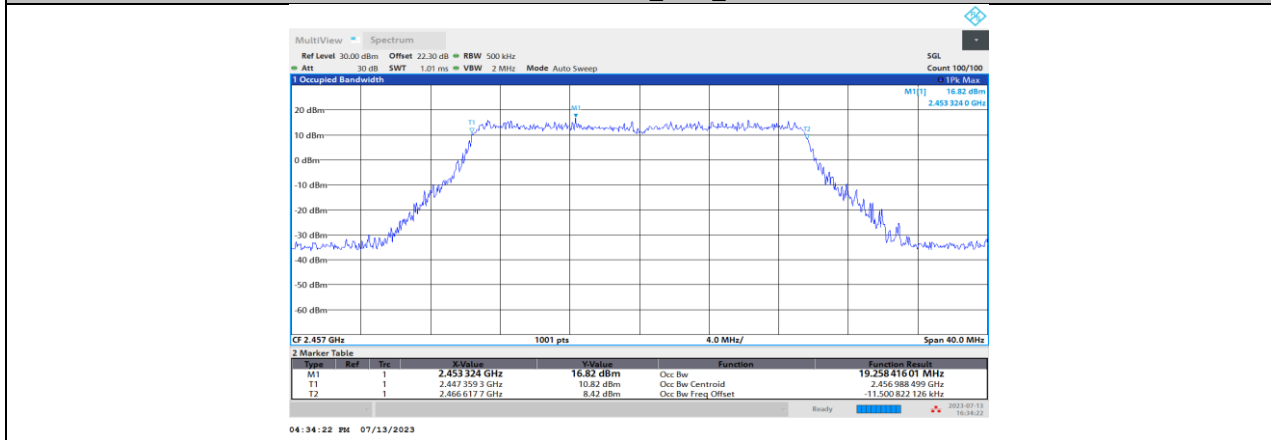
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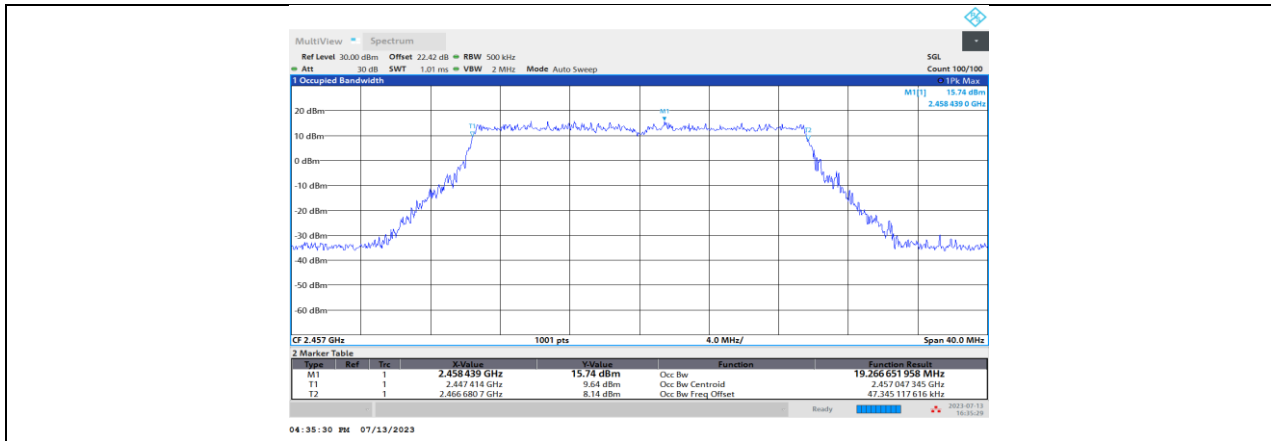
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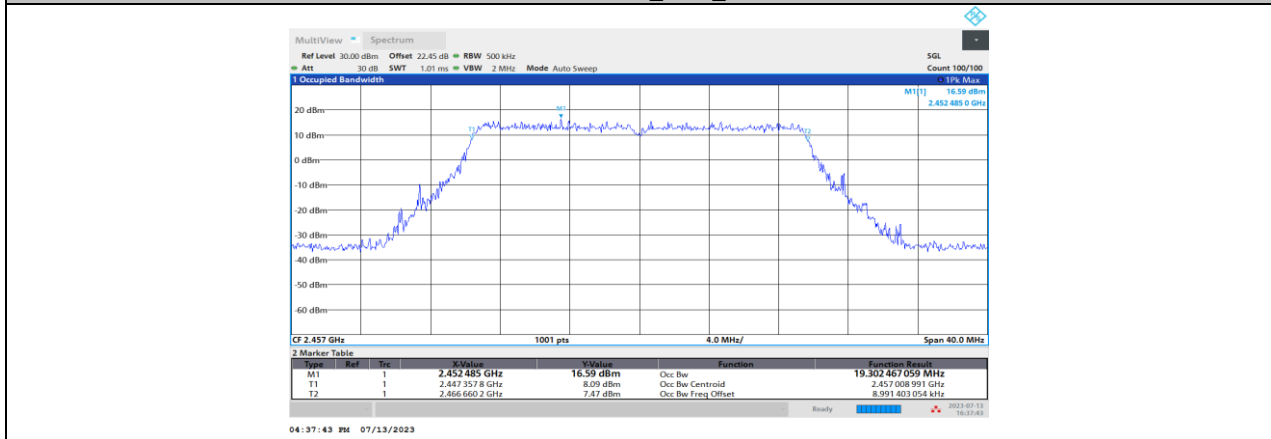
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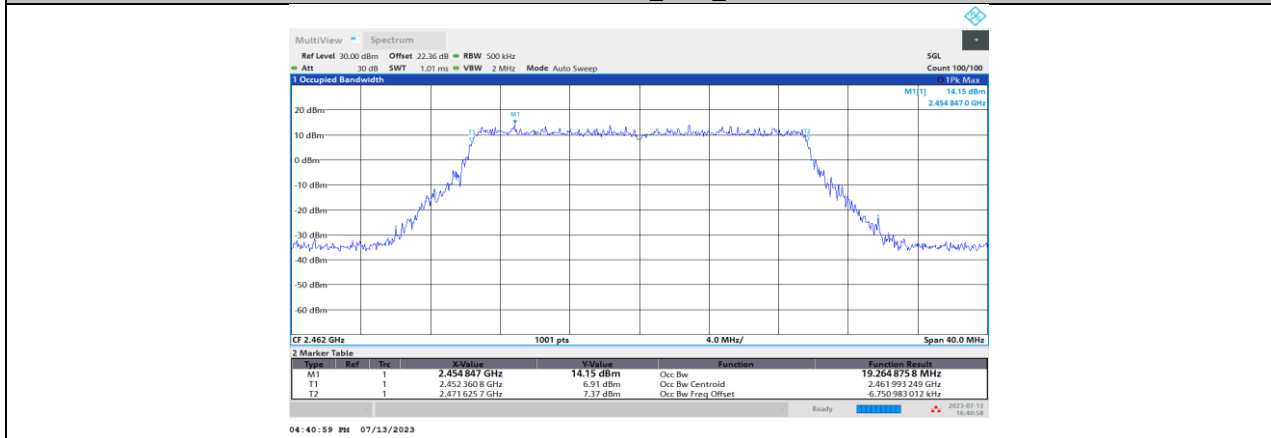
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11BE20MIMO\_Ant3\_2457



11BE20MIMO\_Ant4\_2457



11BE20MIMO\_Ant1\_2462