Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.200	2408.400	2415.600	0.5	PASS
	Ant2	2412	7.200	2408.400	2415.600	0.5	PASS
	Ant1	2437	7.160	2433.400	2440.560	0.5	PASS
	Ant2	2437	7.160	2433.400	2440.560	0.5	PASS
	Ant1	2462	7.200	2458.400	2465.600	0.5	PASS
	Ant2	2462	7.200	2458.400	2465.600	0.5	PASS
11G	Ant1	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant2	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant1	2437	15.200	2429.400	2444.600	0.5	PASS
	Ant2	2437	15.440	2429.160	2444.600	0.5	PASS
	Ant1	2462	15.560	2454.040	2469.600	0.5	PASS
	Ant2	2462	15.840	2454.080	2469.920	0.5	PASS
11N20SISO	Ant1	2412	15.160	2404.440	2419.600	0.5	PASS
	Ant2	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant1	2437	16.160	2429.400	2445.560	0.5	PASS
	Ant2	2437	16.120	2428.800	2444.920	0.5	PASS
	Ant1	2462	17.640	2453.160	2470.800	0.5	PASS
	Ant2	2462	16.040	2454.400	2470.440	0.5	PASS
11N40SISO	Ant1	2422	35.280	2404.400	2439.680	0.5	PASS
	Ant2	2422	35.280	2404.400	2439.680	0.5	PASS
	Ant1	2437	35.280	2419.400	2454.680	0.5	PASS
	Ant2	2437	35.280	2419.400	2454.680	0.5	PASS
	Ant1	2452	35.280	2434.400	2469.680	0.5	PASS
	Ant2	2452	35.280	2434.400	2469.680	0.5	PASS
11AX20SISO	Ant1	2412	17.120	2403.960	2421.080	0.5	PASS
	Ant2	2412	18.040	2402.840	2420.880	0.5	PASS
	Ant1	2437	17.480	2428.360	2445.840	0.5	PASS
	Ant2	2437	17.800	2428.400	2446.200	0.5	PASS
	Ant1	2462	18.400	2452.720	2471.120	0.5	PASS
	Ant2	2462	18.360	2452.720	2471.080	0.5	PASS
11AX40SISO	Ant1	2422	36.720	2404.160	2440.880	0.5	PASS
	Ant2	2422	37.520	2403.360	2440.880	0.5	PASS
	Ant1	2437	37.520	2418.120	2455.640	0.5	PASS
	Ant2	2437	37.440	2418.120	2455.560	0.5	PASS
	Ant1	2452	37.760	2433.120	2470.880	0.5	PASS
	Ant2	2452	37.680	2433.120	2470.800	0.5	PASS
11N20MIMO	Ant1	2412	15.200	2404.400	2419.600	0.5	PASS

	Ant2	2412	15.200	2404.400	2419.600	0.5	PASS
	Ant1	2437	15.200	2429.400	2444.600	0.5	PASS
	Ant2	2437	17.640	2433.400	2441.040	0.5	PASS
	Ant1	2462	16.360	2454.080	2470.440	0.5	PASS
	Ant2	2462	17.000	2453.800	2470.800	0.5	PASS
11N40MIMO	Ant1	2422	35.280	2404.400	2439.680	0.5	PASS
	Ant2	2422	35.280	2404.400	2439.680	0.5	PASS
	Ant1	2437	35.280	2419.400	2454.680	0.5	PASS
	Ant2	2437	35.280	2419.400	2454.680	0.5	PASS
	Ant1	2452	35.280	2434.400	2469.680	0.5	PASS
	Ant2	2452	35.280	2434.400	2469.680	0.5	PASS
11AX20MIMO	Ant1	2412	16.520	2404.360	2420.880	0.5	PASS
	Ant2	2412	16.920	2403.960	2420.880	0.5	PASS
	Ant1	2437	16.200	2428.400	2444.600	0.5	PASS
	Ant2	2437	15.680	2429.200	2444.880	0.5	PASS
	Ant1	2462	17.640	2452.880	2470.520	0.5	PASS
	Ant2	2462	15.840	2454.040	2469.880	0.5	PASS
11AX40MIMO	Ant1	2422	37.280	2403.200	2440.480	0.5	PASS
	Ant2	2422	35.280	2404.400	2439.680	0.5	PASS
	Ant1	2437	37.680	2418.120	2455.800	0.5	PASS
	Ant2	2437	36.480	2419.400	2455.880	0.5	PASS
	Ant1	2452	36.960	2433.120	2470.080	0.5	PASS
	Ant2	2452	36.480	2434.400	2470.880	0.5	PASS

Test Graphs

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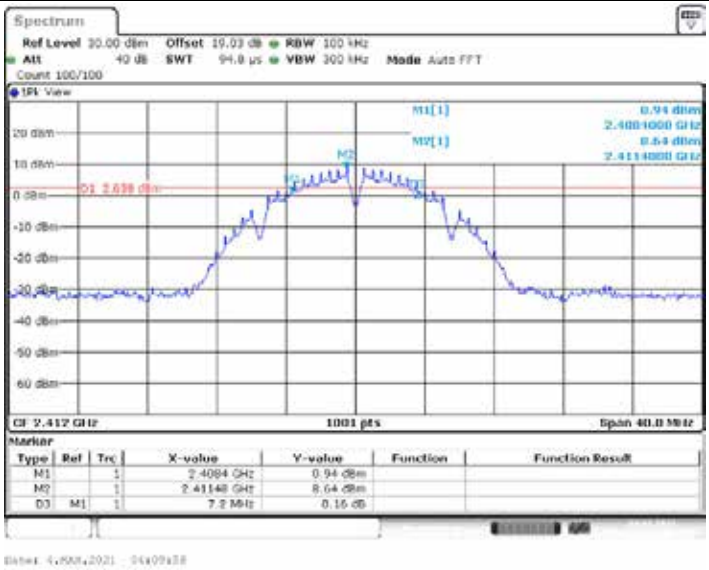
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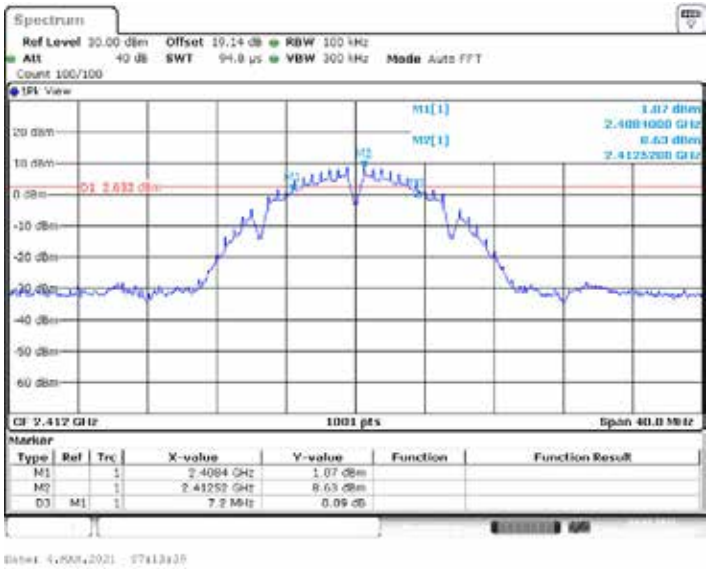
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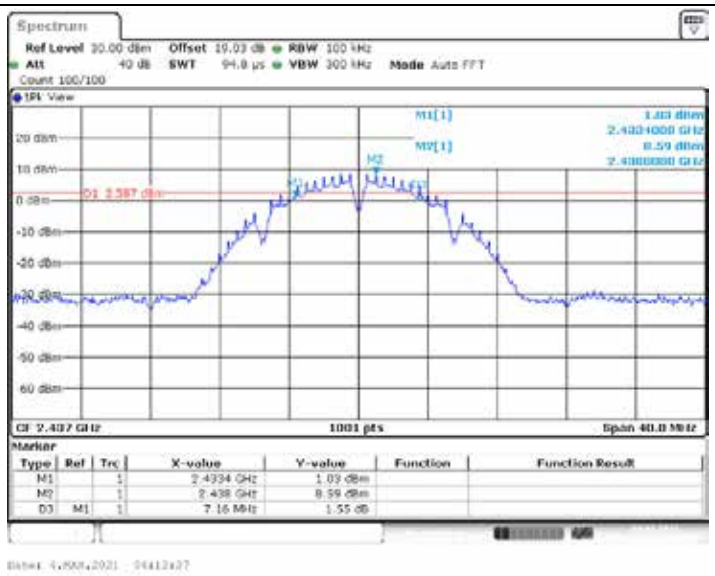

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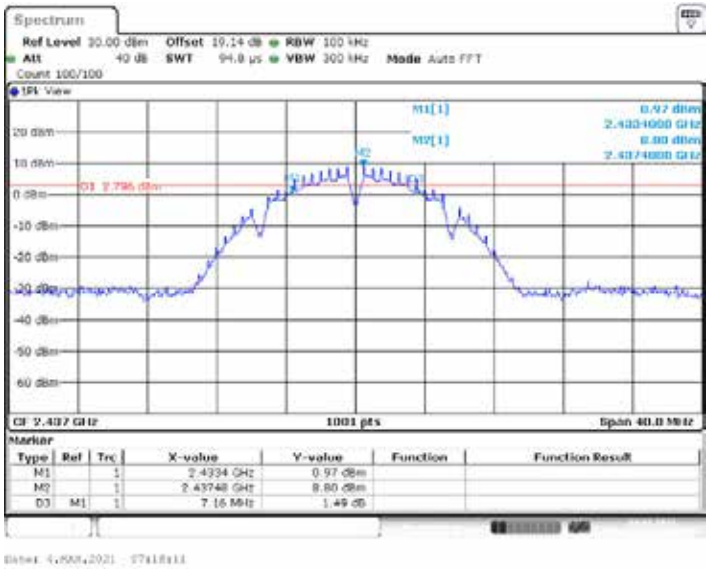

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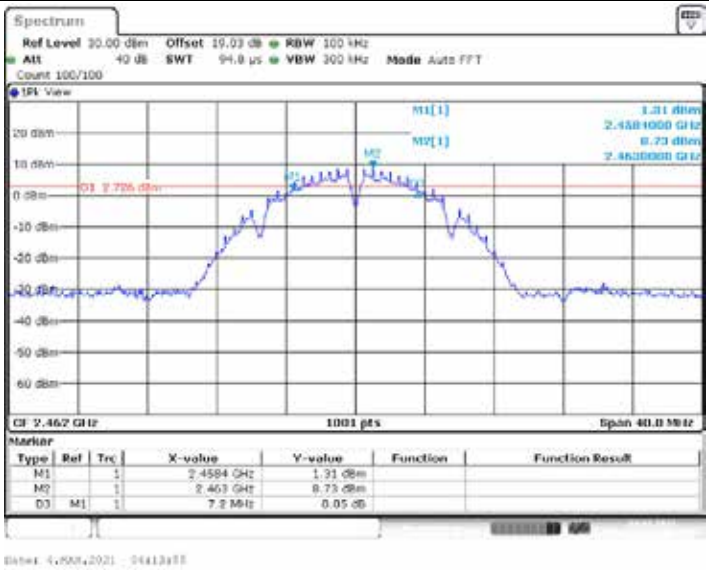

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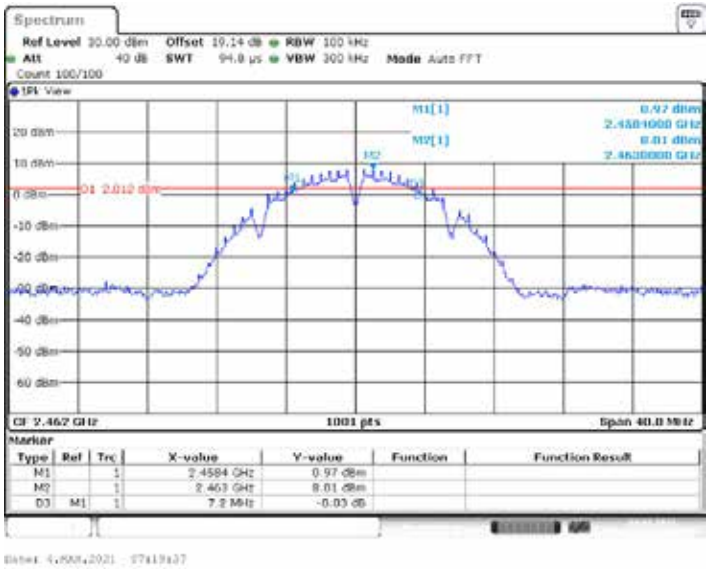

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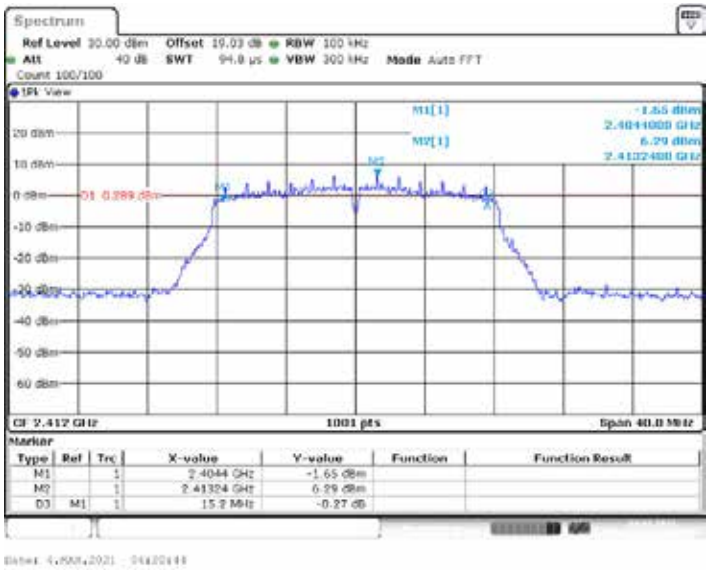

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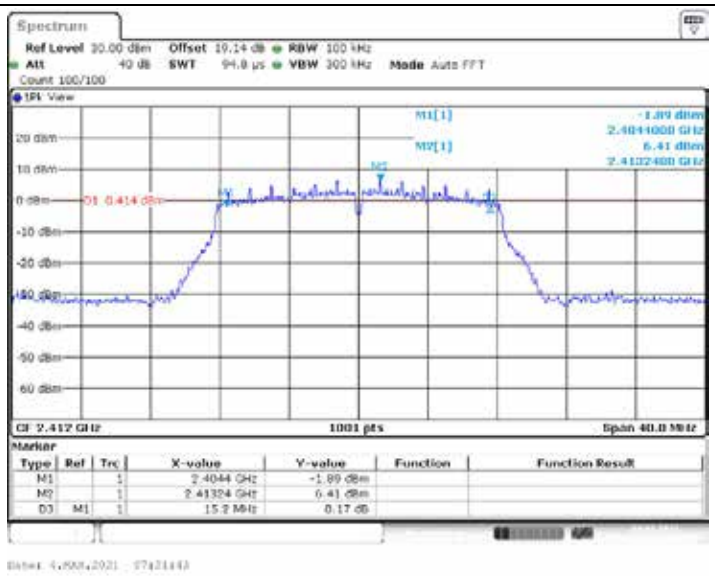

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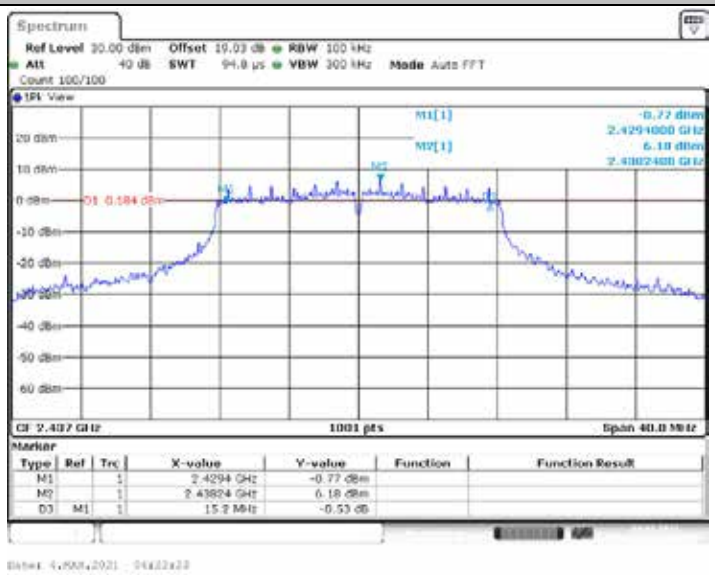

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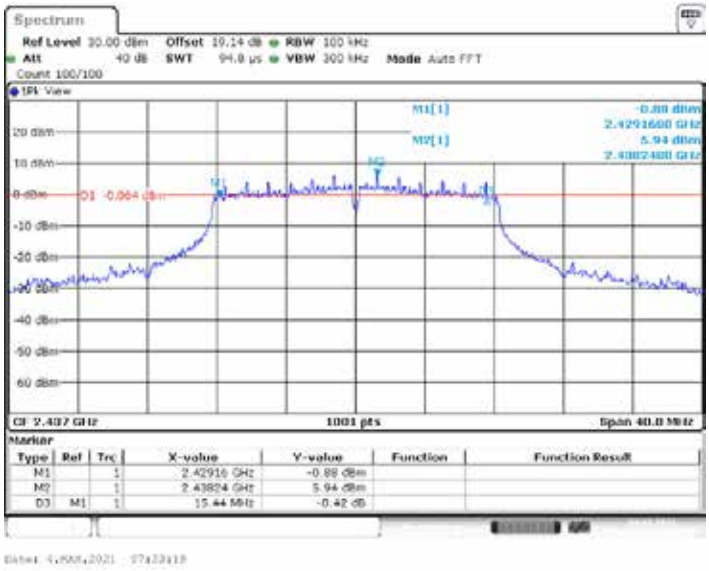

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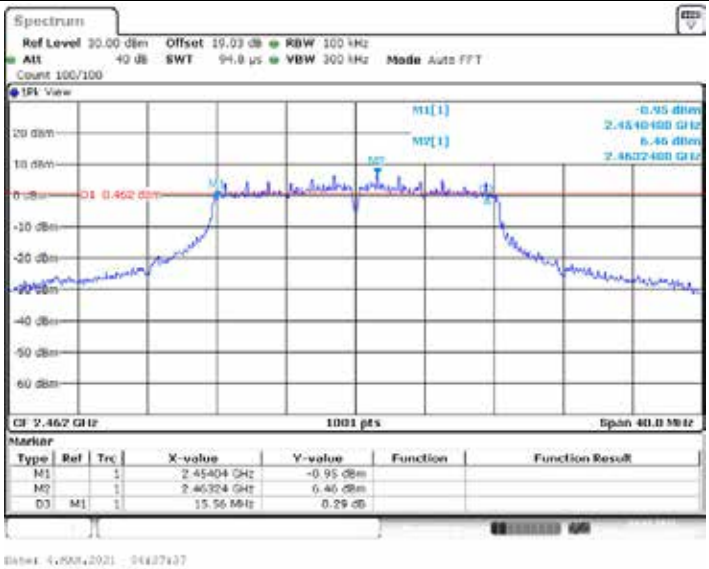

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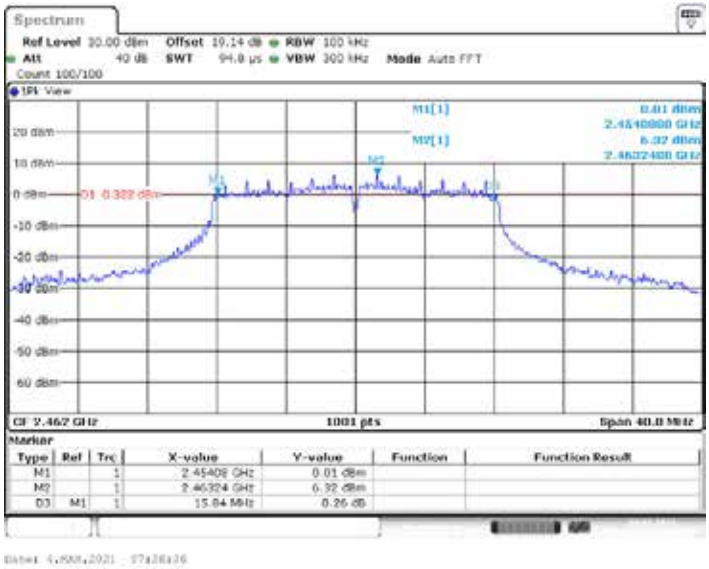

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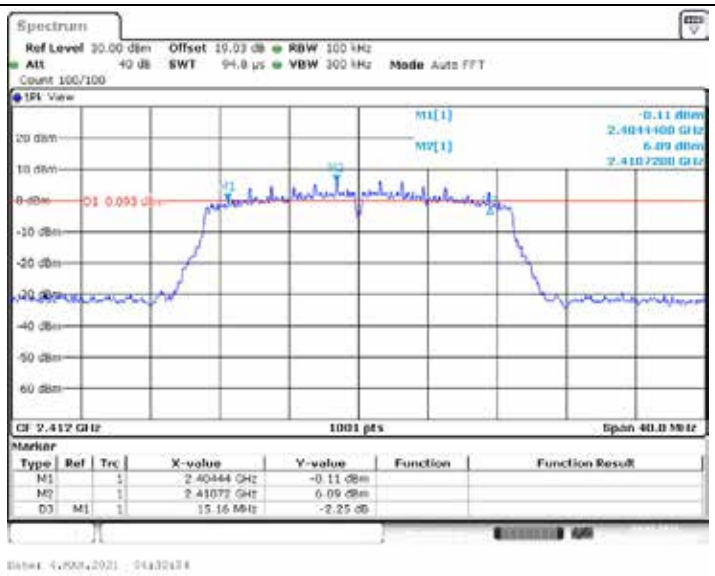

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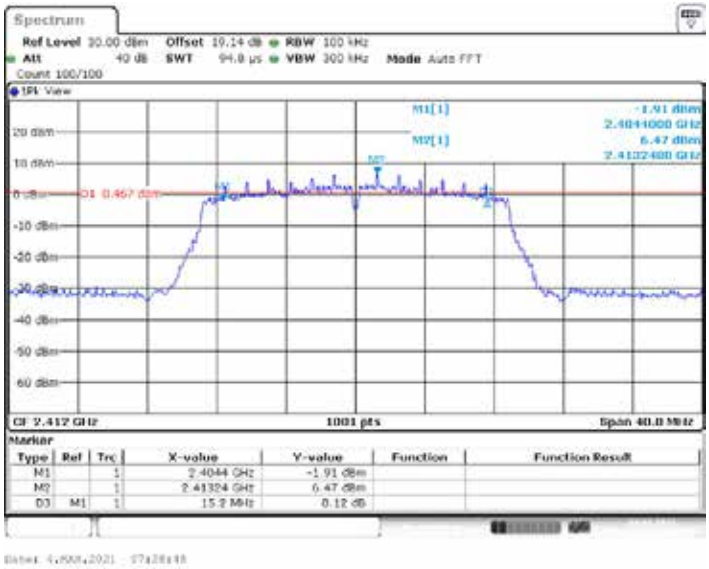

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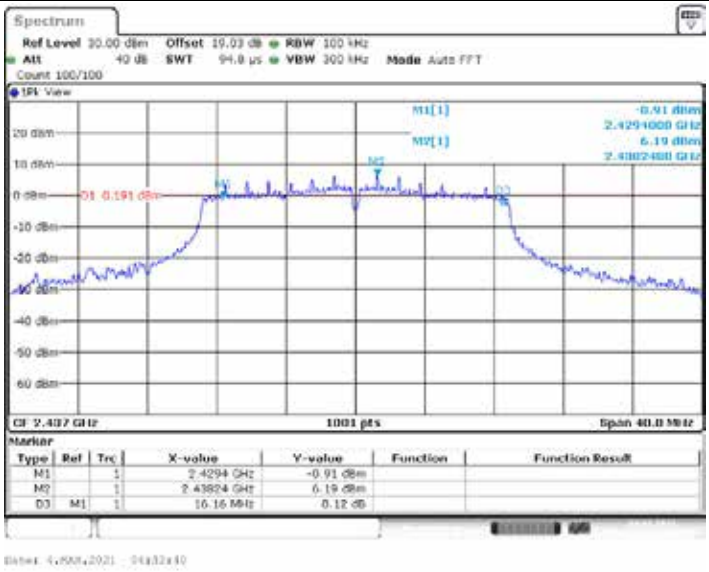

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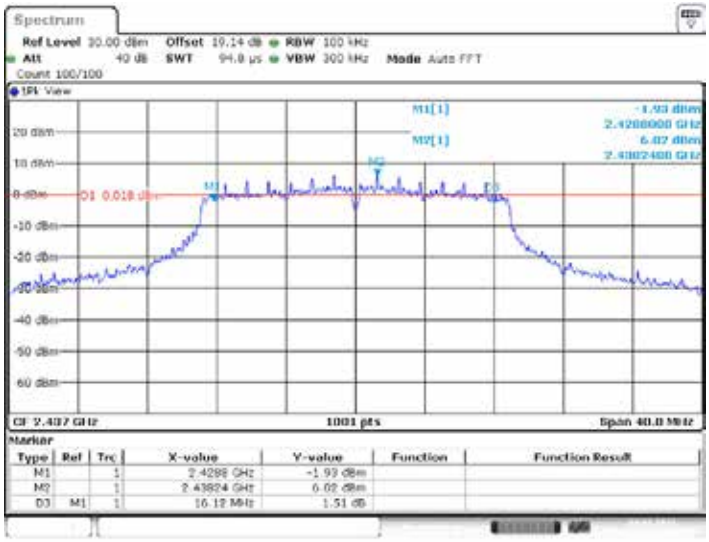

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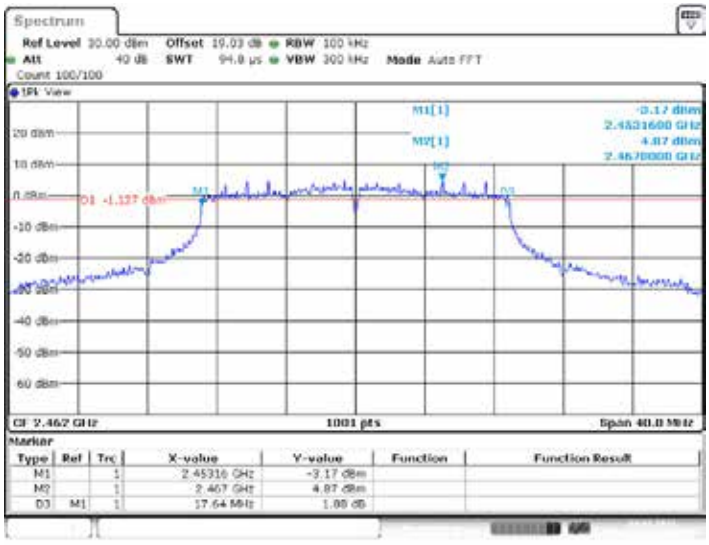

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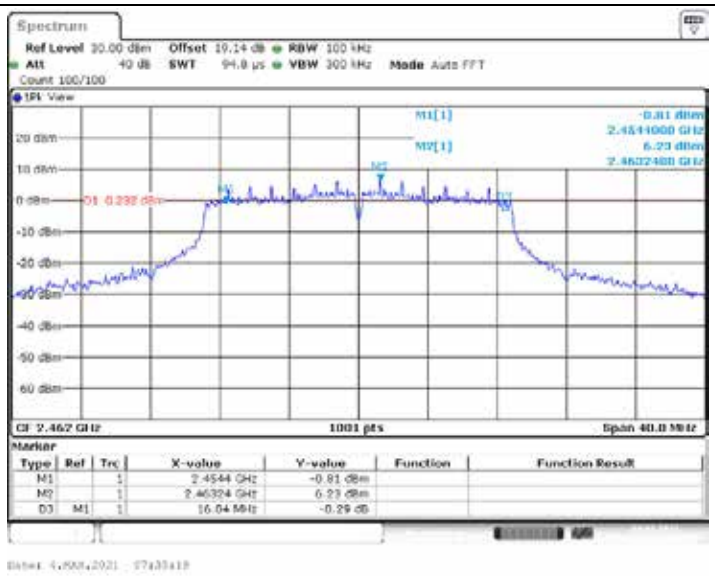

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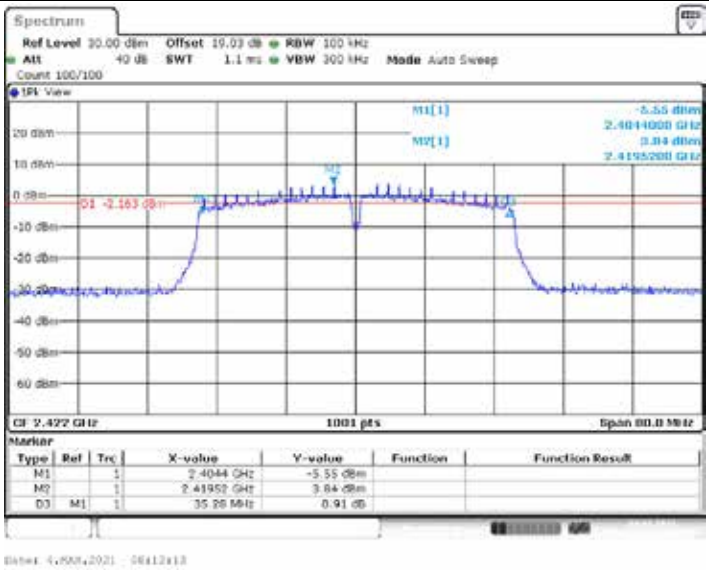

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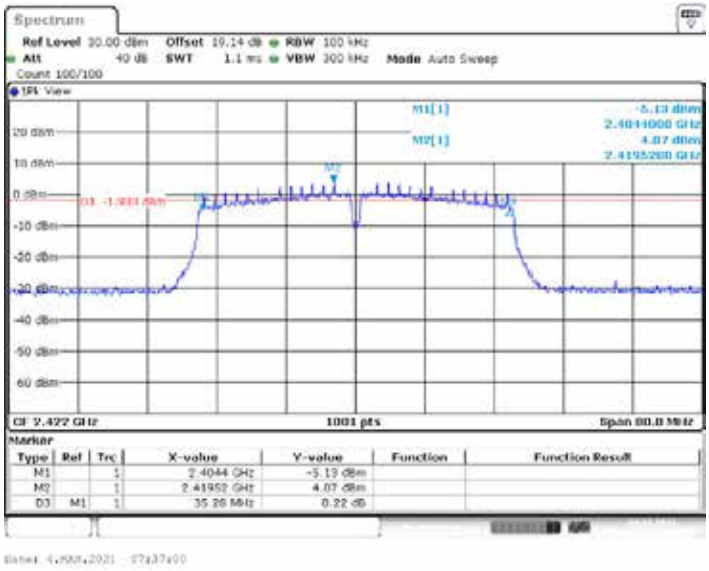

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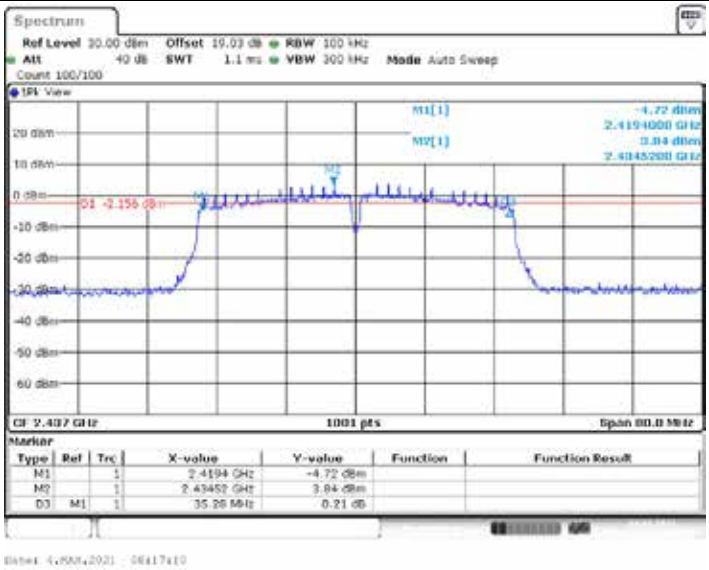

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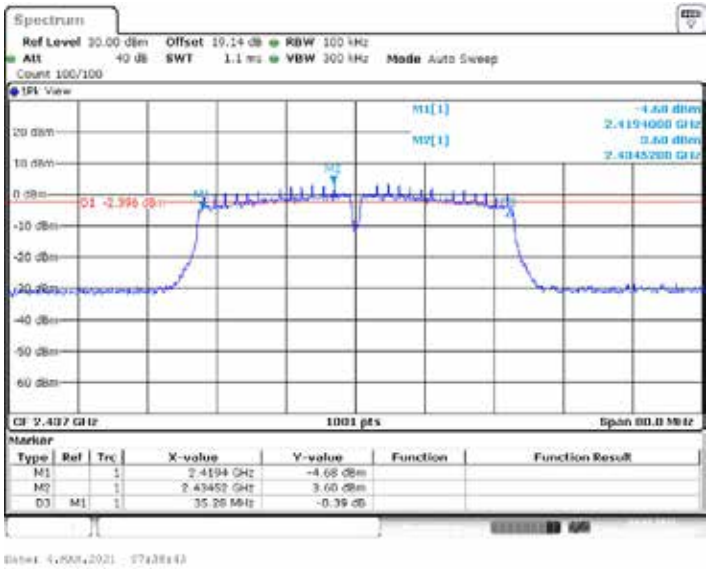

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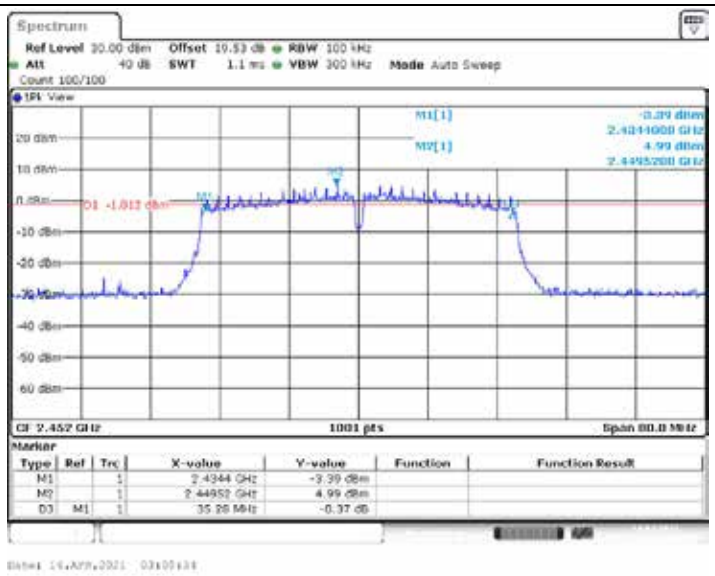

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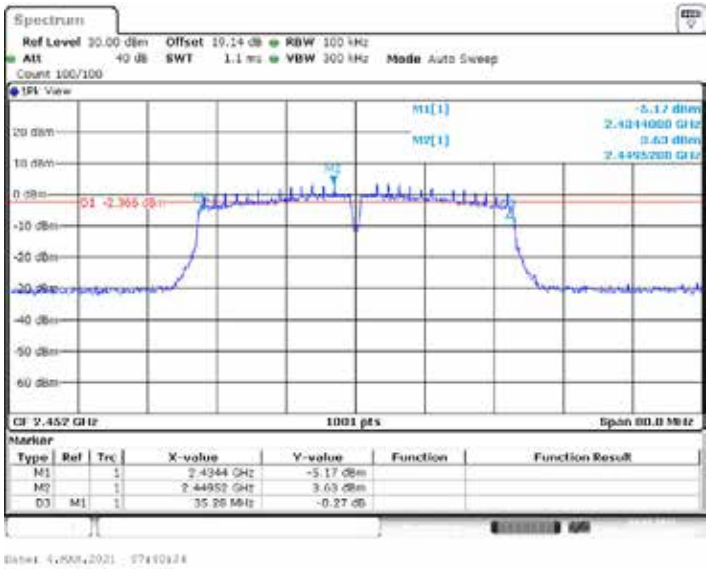

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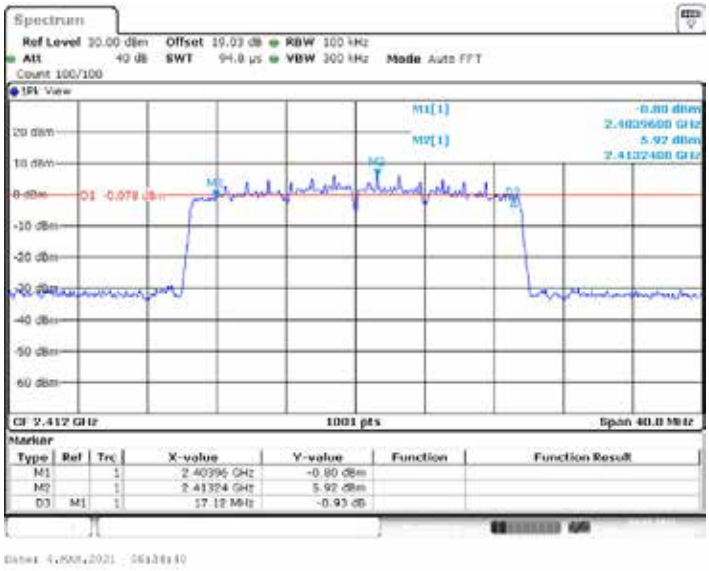

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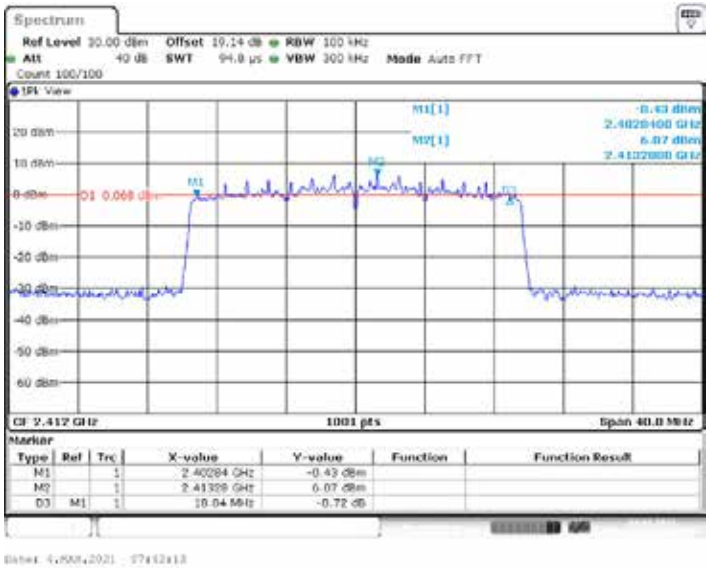

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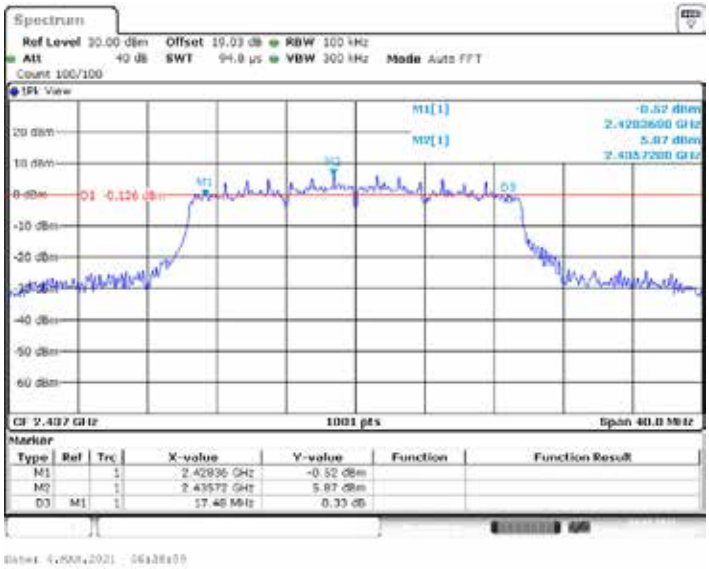

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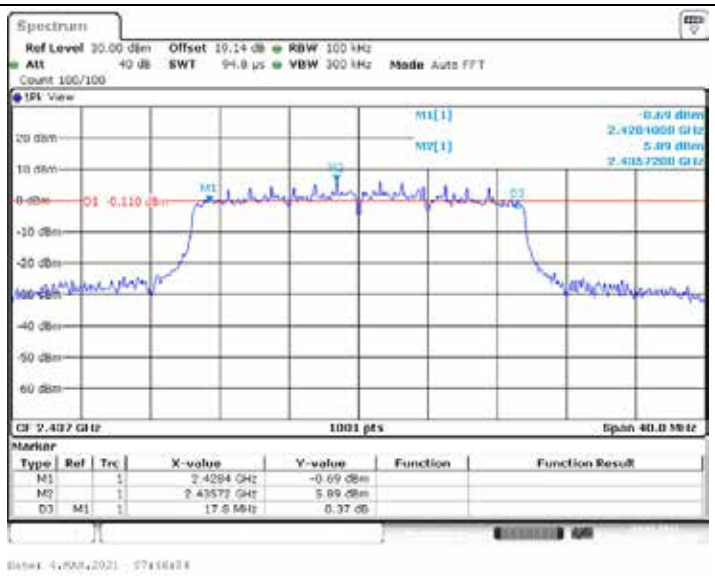

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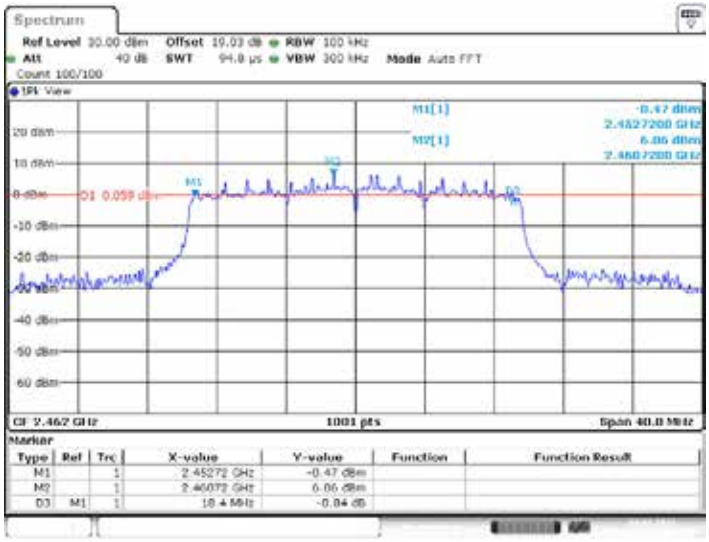

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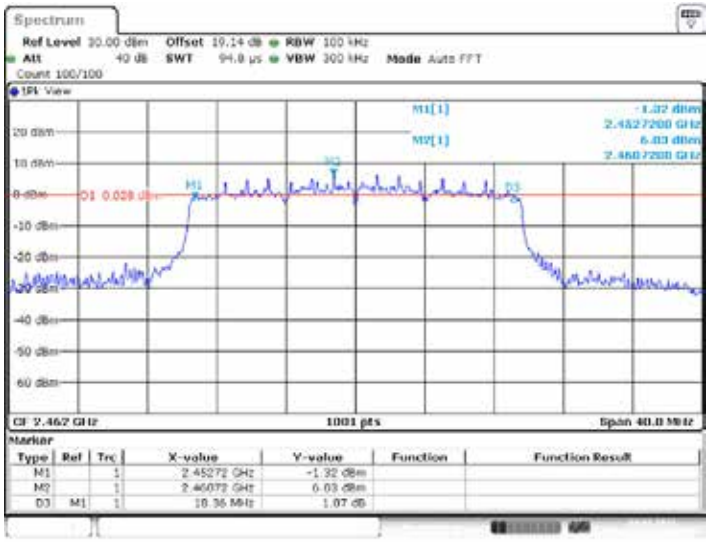

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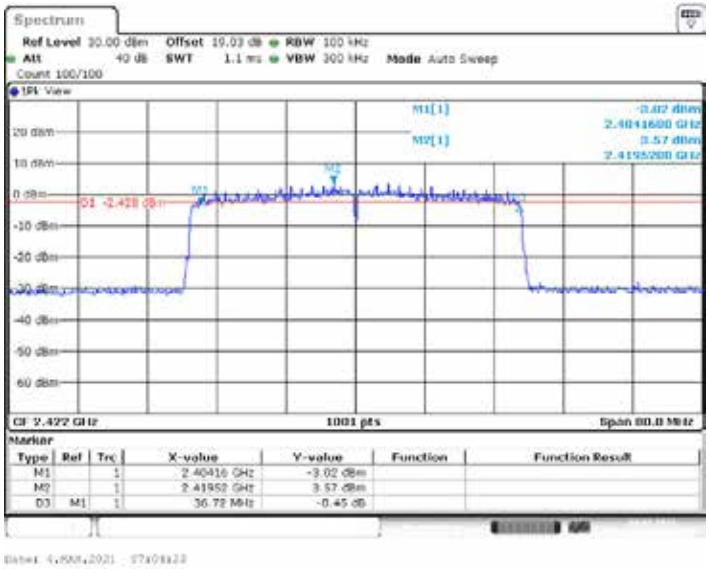

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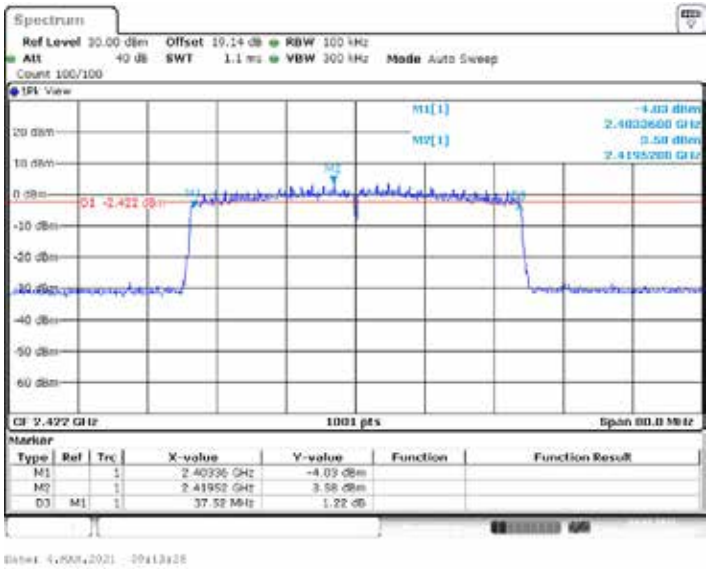

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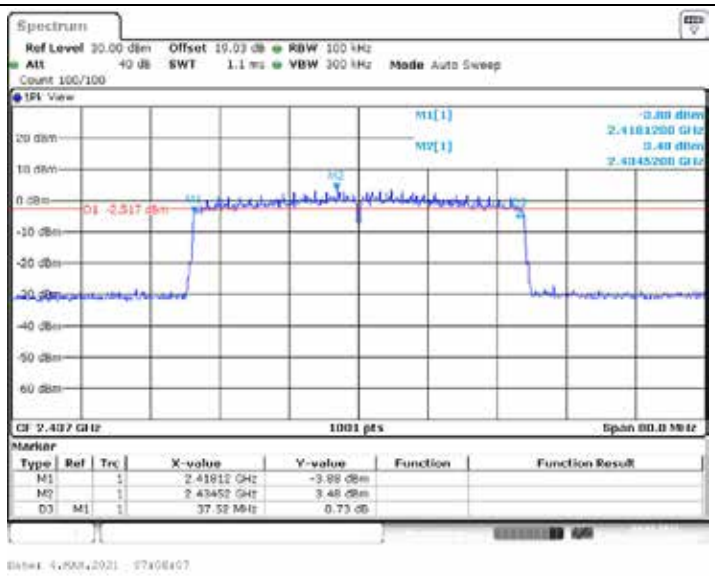

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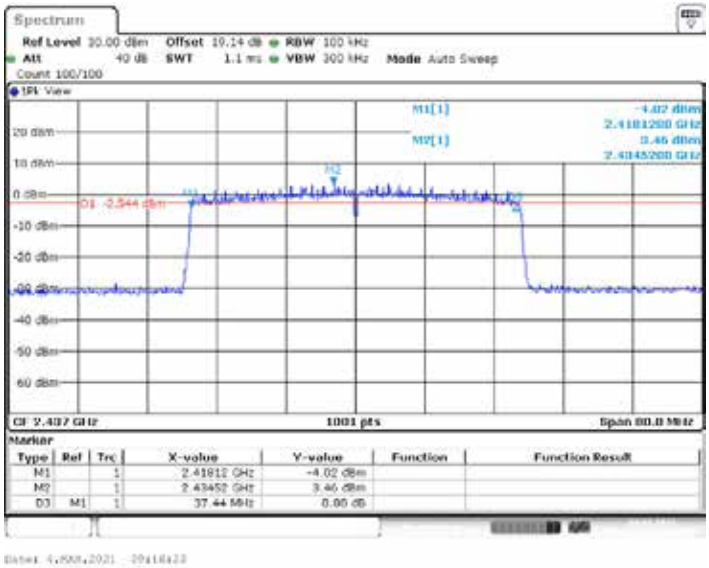

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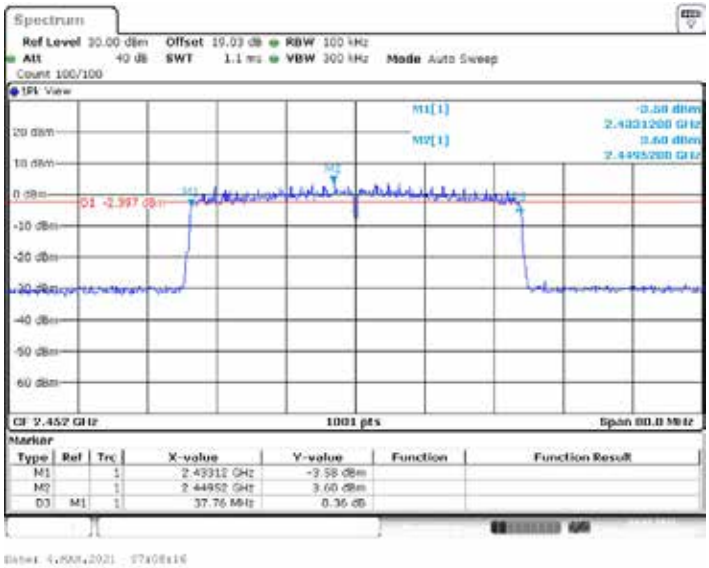

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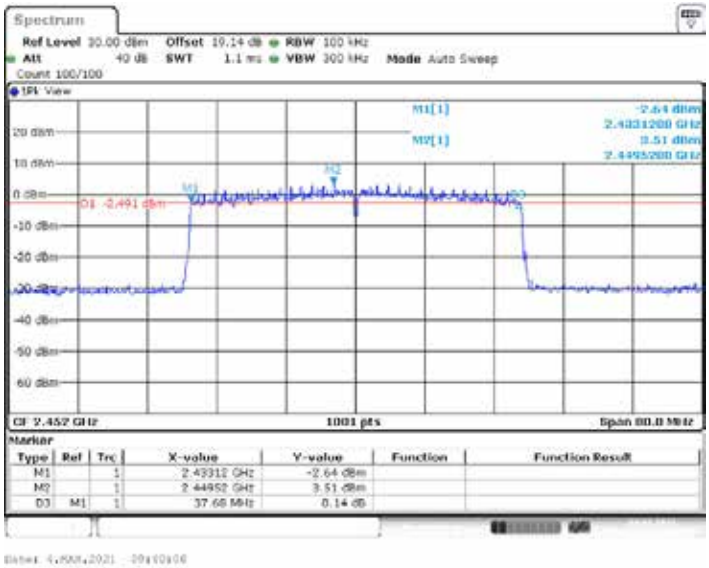

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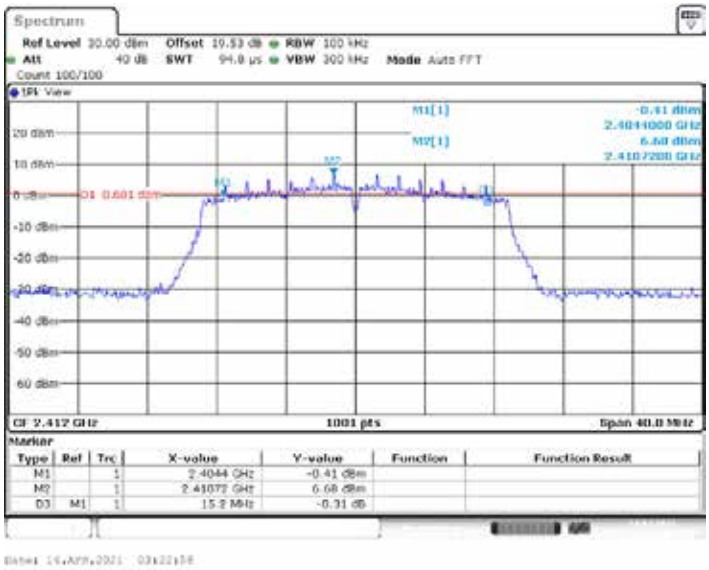

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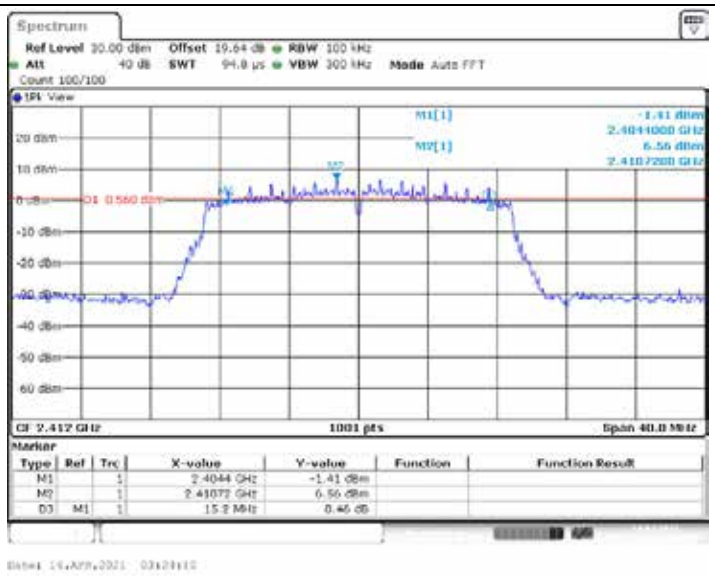

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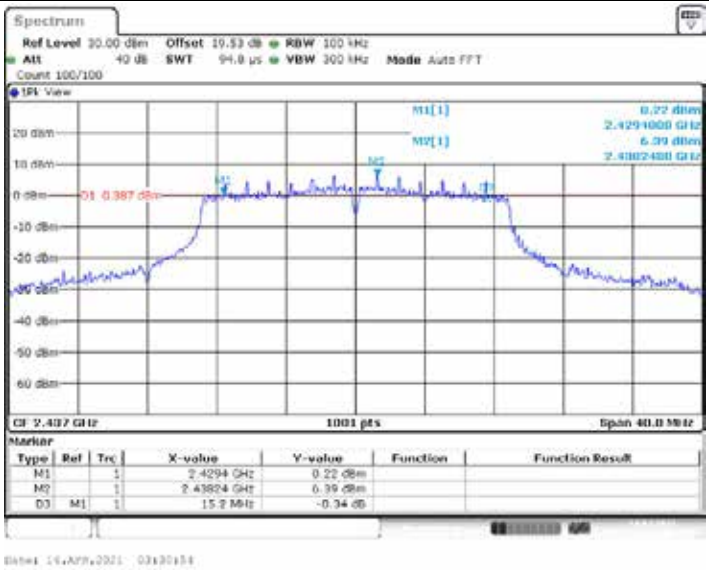

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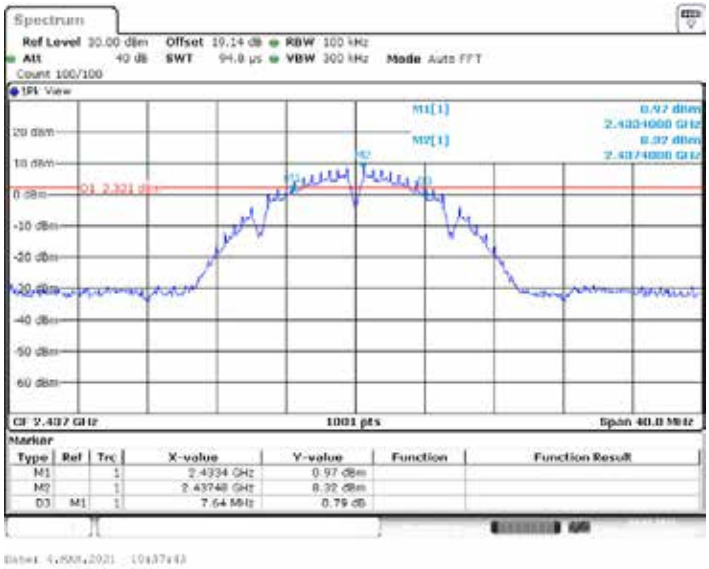

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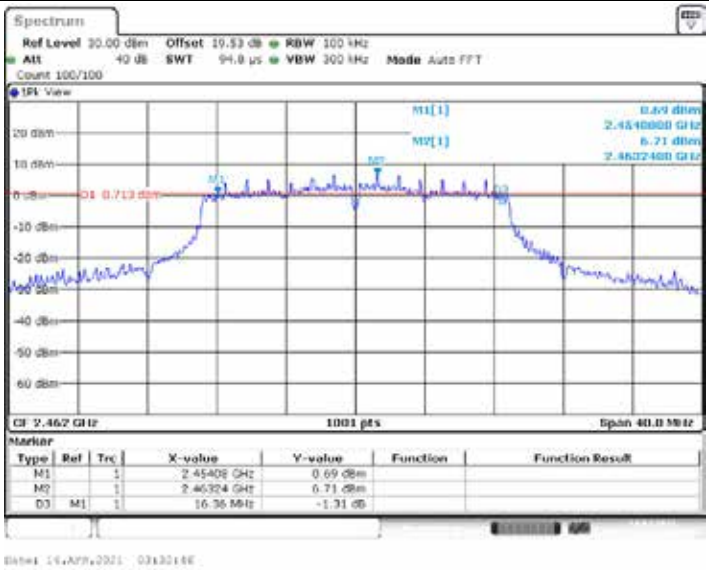

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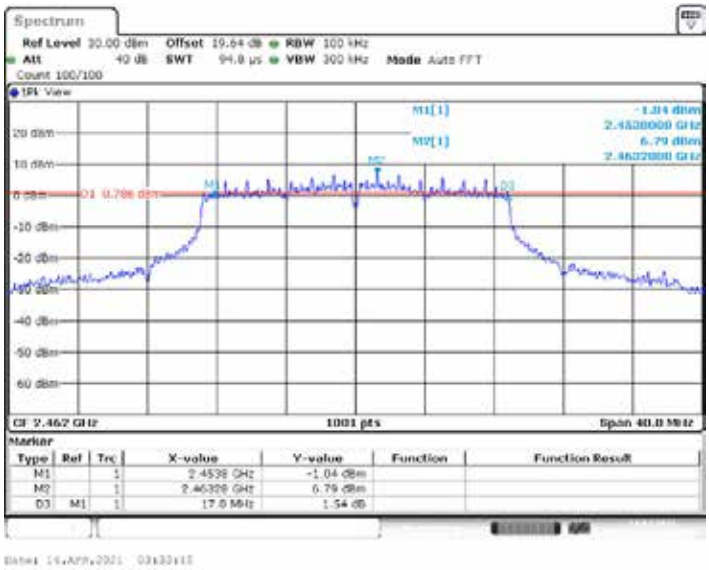

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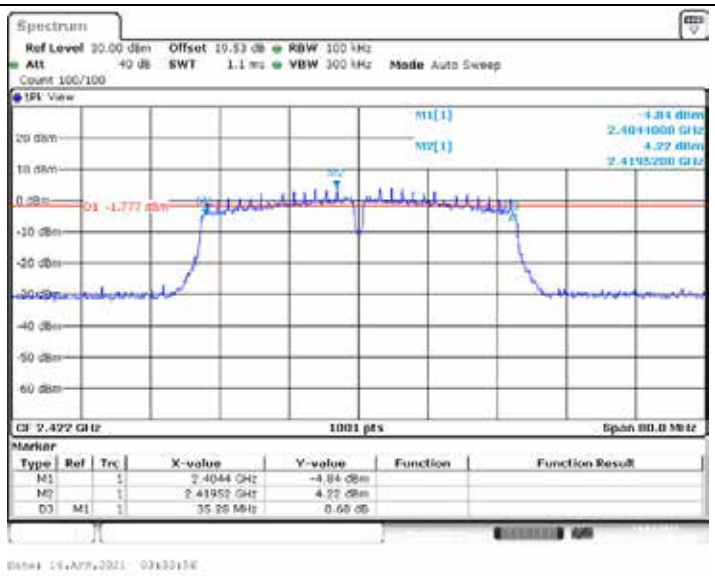

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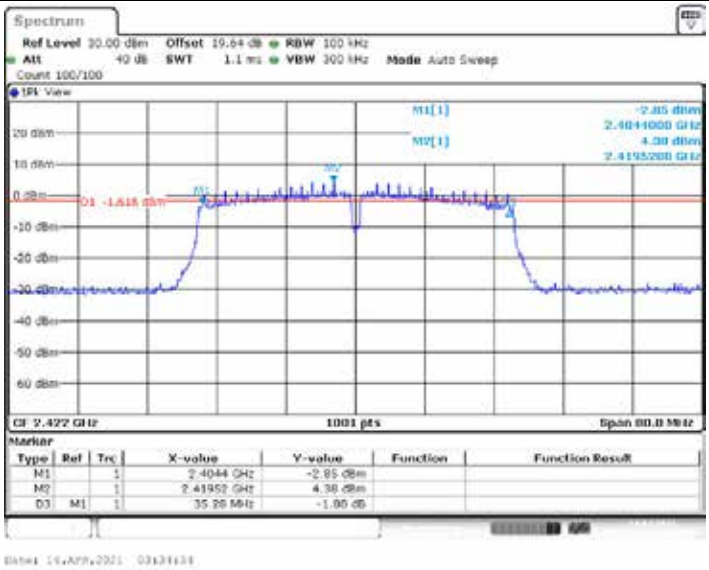

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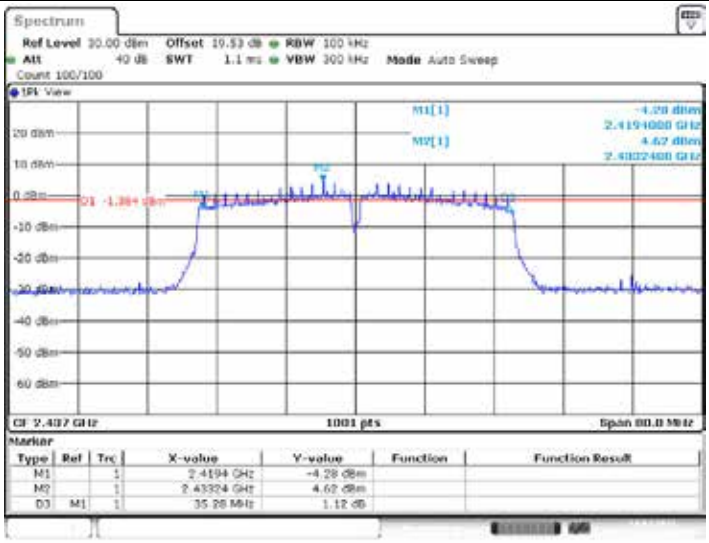

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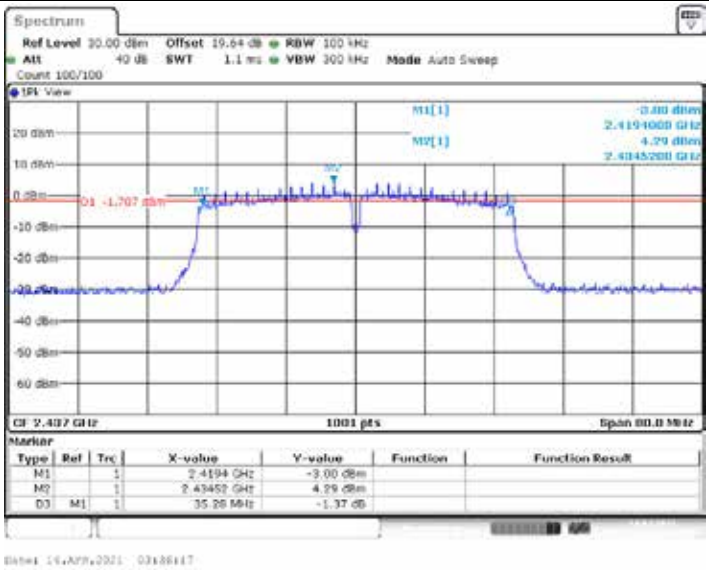

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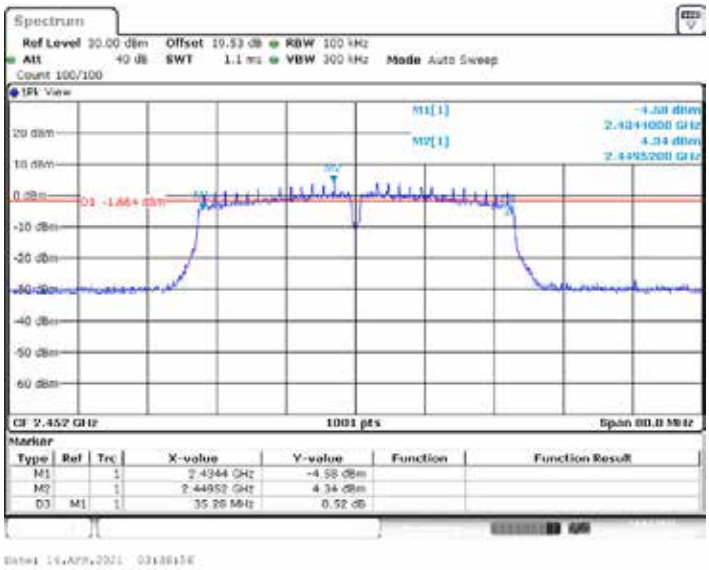

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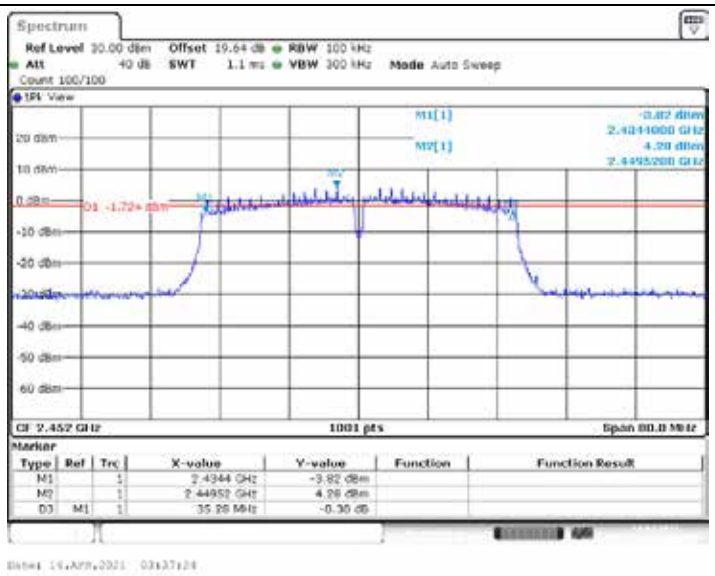

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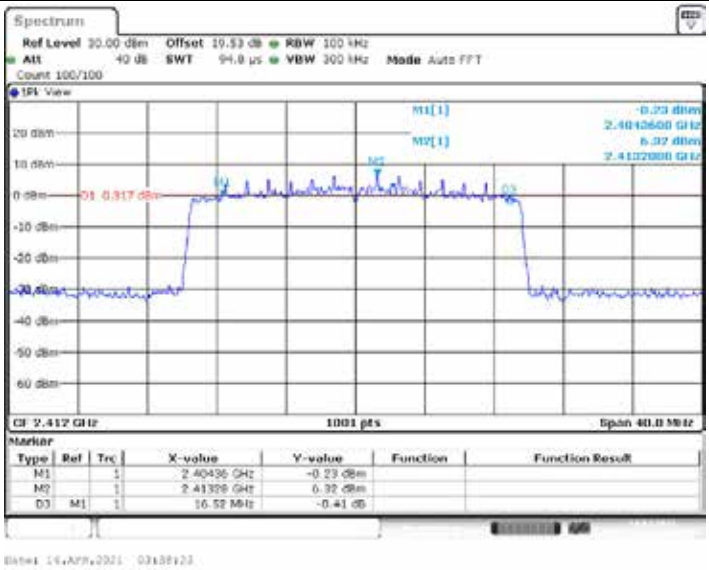

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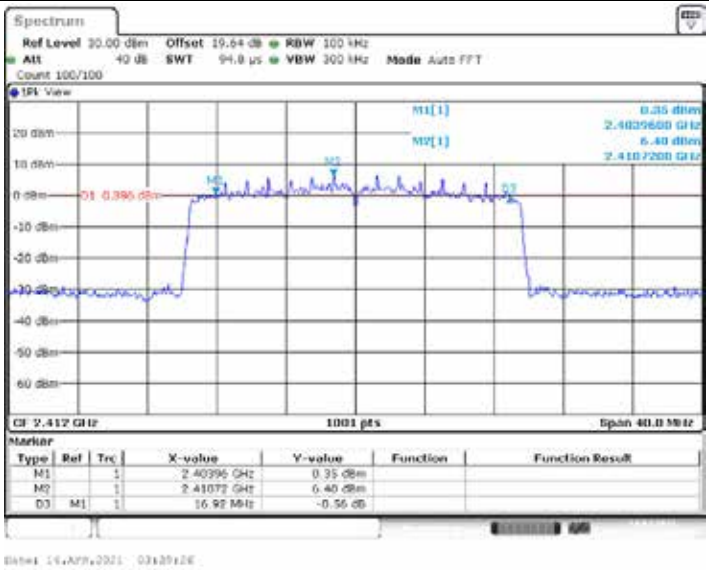

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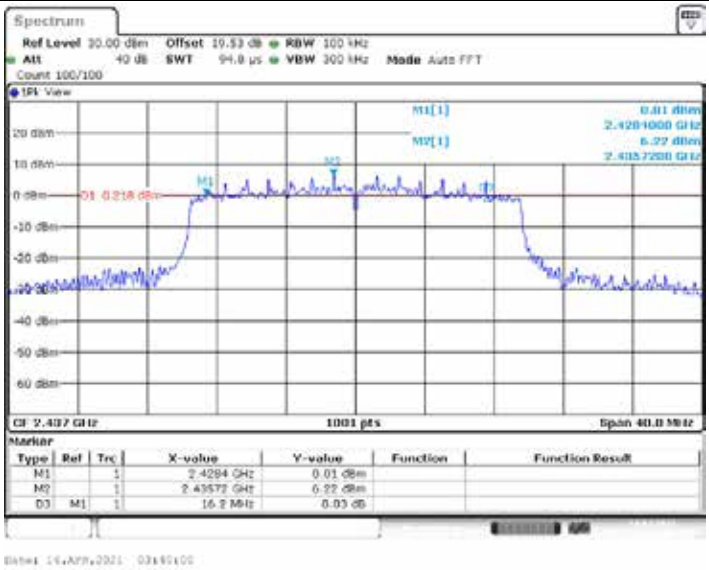

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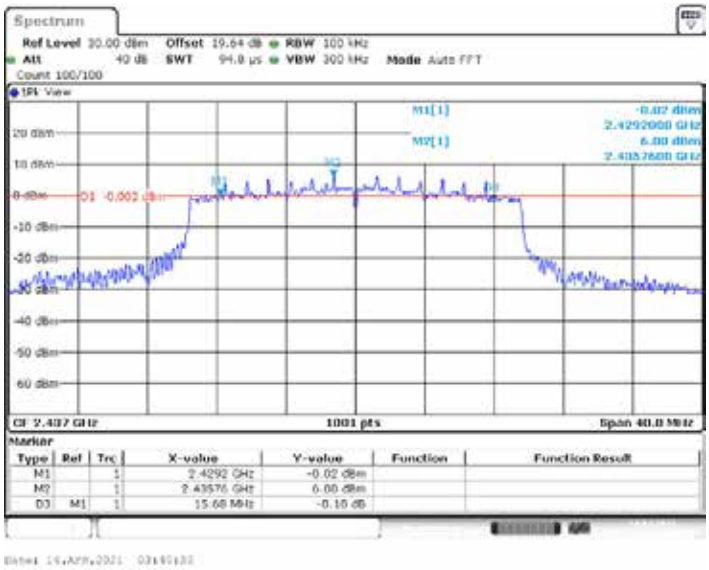

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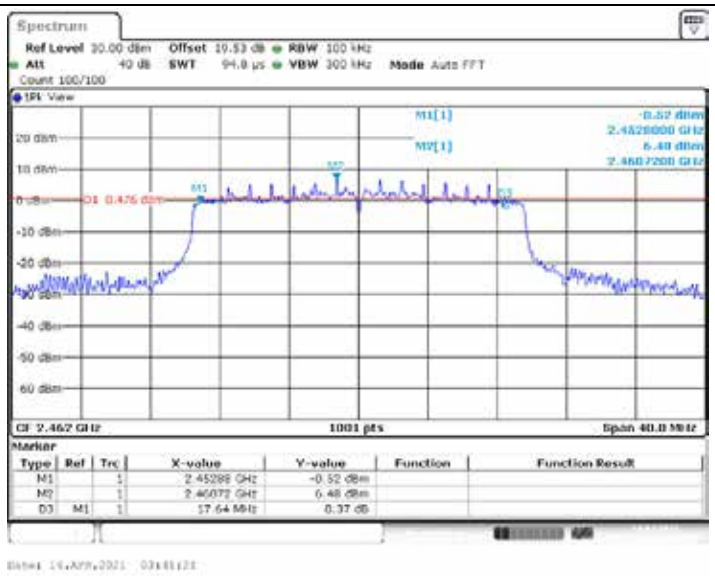

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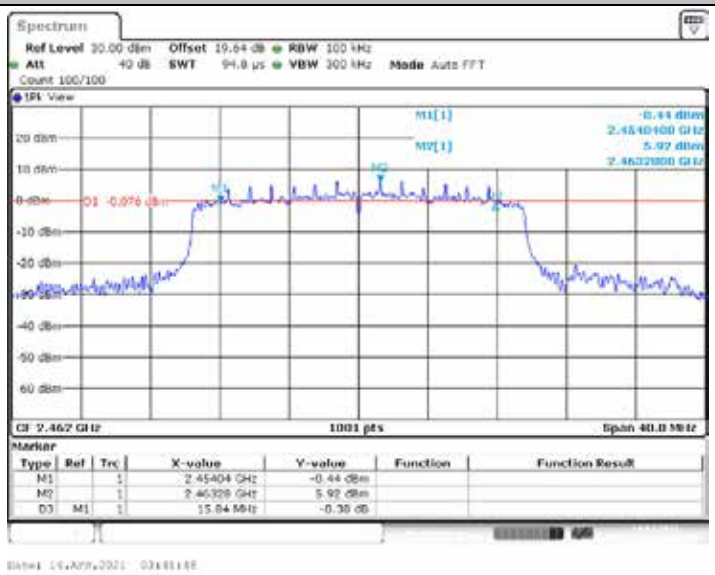

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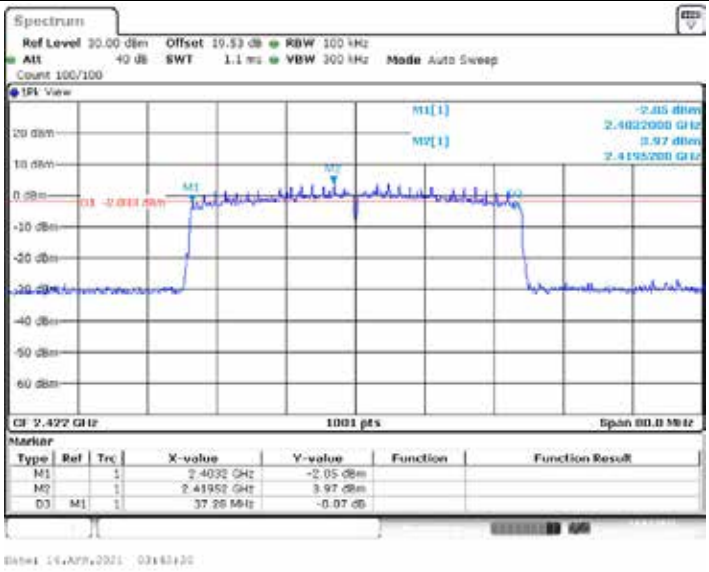

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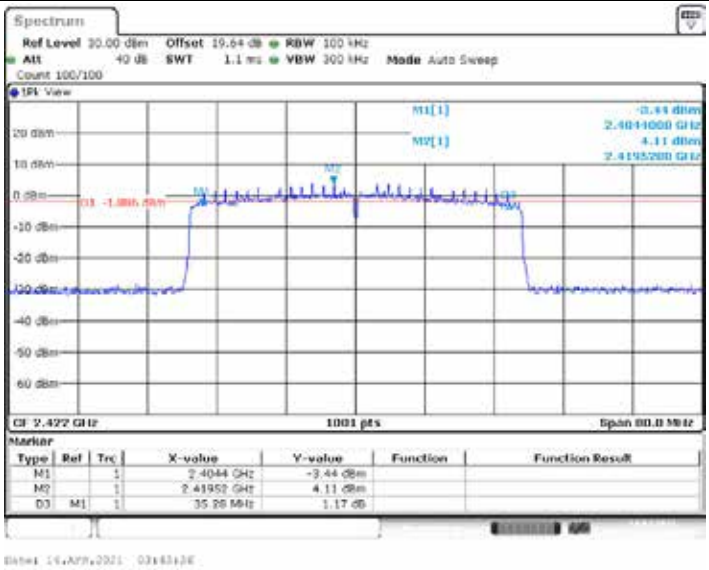

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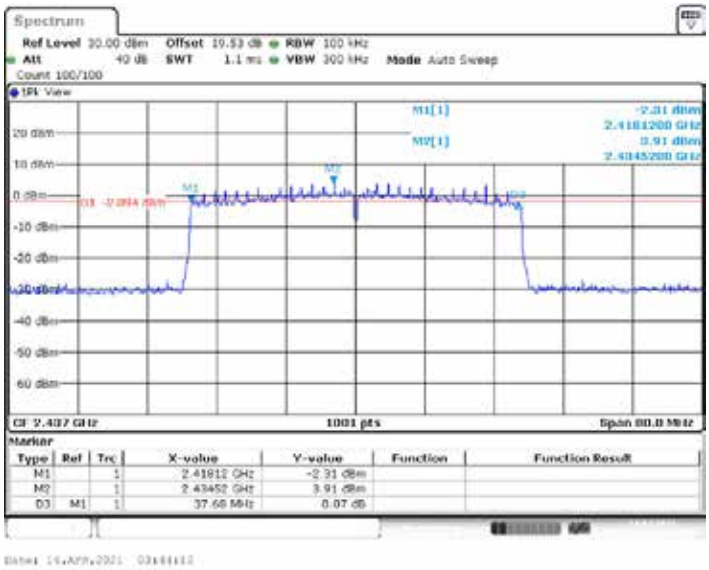

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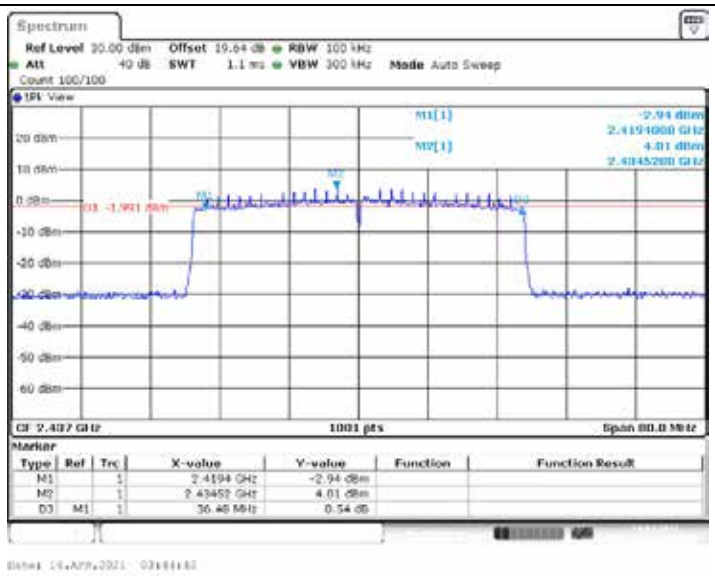

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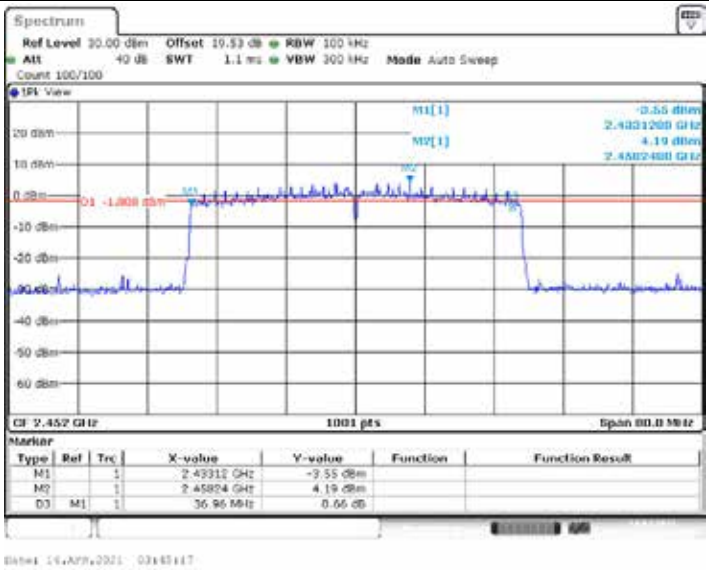

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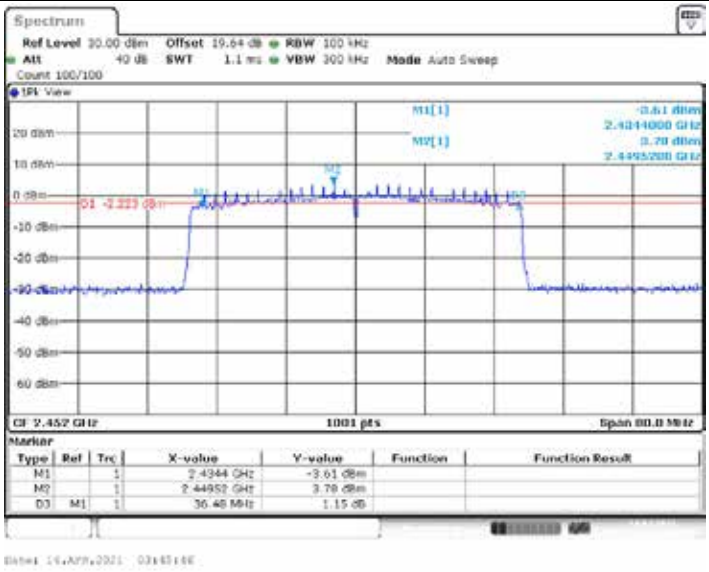


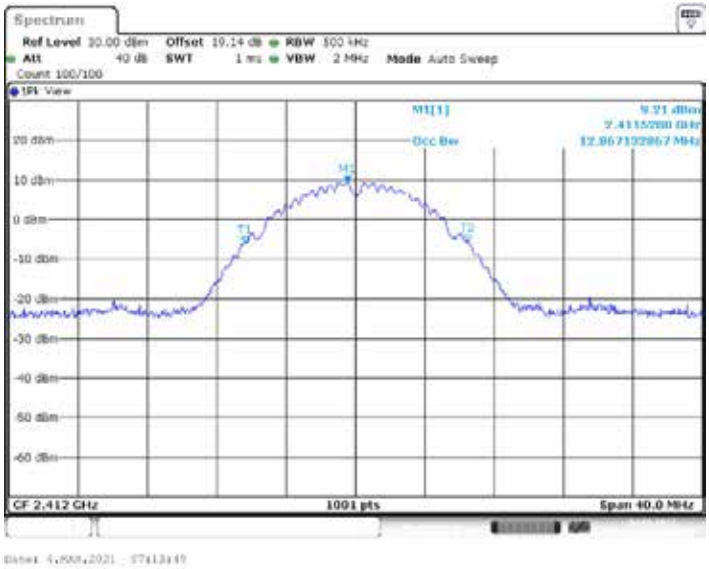
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.947	2405.566	2418.513	---	PASS
	Ant2	2412	12.867	2405.606	2418.474	---	PASS
	Ant1	2437	13.067	2430.487	2443.553	---	PASS
	Ant2	2437	13.147	2430.447	2443.593	---	PASS
	Ant1	2462	13.067	2455.487	2468.553	---	PASS
	Ant2	2462	13.147	2455.447	2468.593	---	PASS
11G	Ant1	2412	17.183	2403.409	2420.591	---	PASS
	Ant2	2412	17.183	2403.449	2420.631	---	PASS
	Ant1	2437	19.221	2427.370	2446.590	---	PASS
	Ant2	2437	19.141	2427.370	2446.510	---	PASS
	Ant1	2462	19.181	2452.370	2471.550	---	PASS
	Ant2	2462	19.141	2452.410	2471.550	---	PASS
11N20SISO	Ant1	2412	18.022	2403.009	2421.031	---	PASS
	Ant2	2412	18.022	2403.009	2421.031	---	PASS
	Ant1	2437	20.06	2426.970	2447.030	---	PASS
	Ant2	2437	20.02	2426.970	2446.990	---	PASS
	Ant1	2462	19.86	2452.090	2471.950	---	PASS
	Ant2	2462	19.98	2452.010	2471.990	---	PASS
11N40SISO	Ant1	2422	36.603	2403.778	2440.382	---	PASS
	Ant2	2422	36.523	2403.858	2440.382	---	PASS
	Ant1	2437	36.523	2418.778	2455.302	---	PASS
	Ant2	2437	36.683	2418.698	2455.382	---	PASS
	Ant1	2452	36.603	2433.778	2470.382	---	PASS
	Ant2	2452	36.603	2433.778	2470.382	---	PASS
11AX20SISO	Ant1	2412	18.861	2402.609	2421.471	---	PASS
	Ant2	2412	18.861	2402.609	2421.471	---	PASS
	Ant1	2437	19.341	2427.330	2446.670	---	PASS
	Ant2	2437	19.381	2427.330	2446.710	---	PASS
	Ant1	2462	19.381	2452.330	2471.710	---	PASS
	Ant2	2462	19.381	2452.330	2471.710	---	PASS
11AX40SISO	Ant1	2422	37.802	2403.139	2440.941	---	PASS
	Ant2	2422	37.722	2403.219	2440.941	---	PASS
	Ant1	2437	37.882	2418.139	2456.021	---	PASS
	Ant2	2437	37.802	2418.139	2455.941	---	PASS
	Ant1	2452	37.722	2433.219	2470.941	---	PASS
	Ant2	2452	37.882	2433.139	2471.021	---	PASS
11N20MIMO	Ant1	2412	18.022	2403.009	2421.031	---	PASS

	Ant2	2412	17.742	2403.169	2420.911	---	PASS
	Ant1	2437	19.86	2427.130	2446.990	---	PASS
	Ant2	2437	18.741	2427.649	2446.391	---	PASS
	Ant1	2462	19.9	2452.090	2471.990	---	PASS
	Ant2	2462	18.701	2452.729	2471.431	---	PASS
11N40MIMO	Ant1	2422	36.603	2403.778	2440.382	---	PASS
	Ant2	2422	36.444	2403.778	2440.222	---	PASS
	Ant1	2437	36.523	2418.778	2455.302	---	PASS
	Ant2	2437	36.364	2418.858	2455.222	---	PASS
	Ant1	2452	36.444	2433.858	2470.302	---	PASS
	Ant2	2452	36.364	2433.938	2470.302	---	PASS
11AX20MIMO	Ant1	2412	18.861	2402.609	2421.471	---	PASS
	Ant2	2412	18.901	2402.569	2421.471	---	PASS
	Ant1	2437	19.461	2427.290	2446.750	---	PASS
	Ant2	2437	19.381	2427.330	2446.710	---	PASS
	Ant1	2462	19.5	2452.290	2471.790	---	PASS
	Ant2	2462	19.421	2452.370	2471.790	---	PASS
11AX40MIMO	Ant1	2422	37.882	2403.139	2441.021	---	PASS
	Ant2	2422	37.802	2403.059	2440.861	---	PASS
	Ant1	2437	37.882	2418.059	2455.941	---	PASS
	Ant2	2437	37.882	2418.139	2456.021	---	PASS
	Ant1	2452	37.962	2433.059	2471.021	---	PASS
	Ant2	2452	37.802	2433.139	2470.941	---	PASS

Test Graphs

11B_Ant1_2412
11B_Ant2_2412

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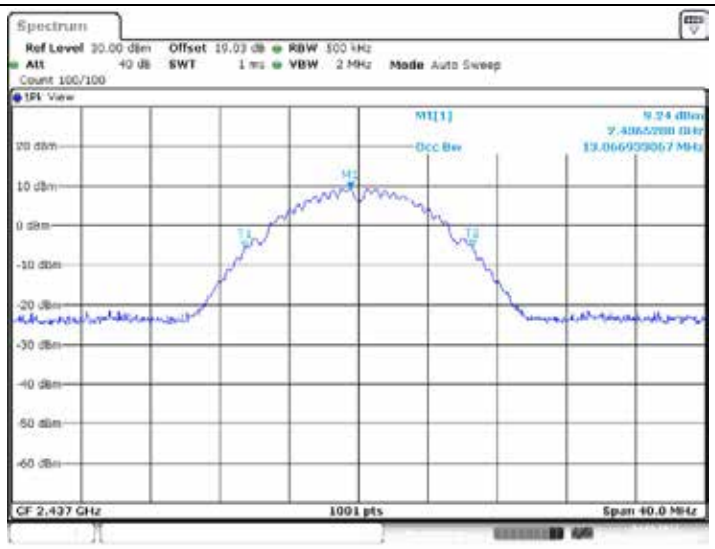

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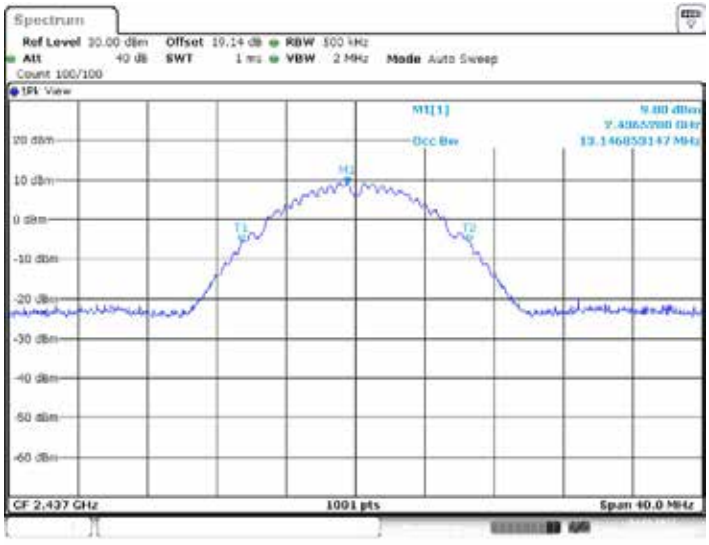

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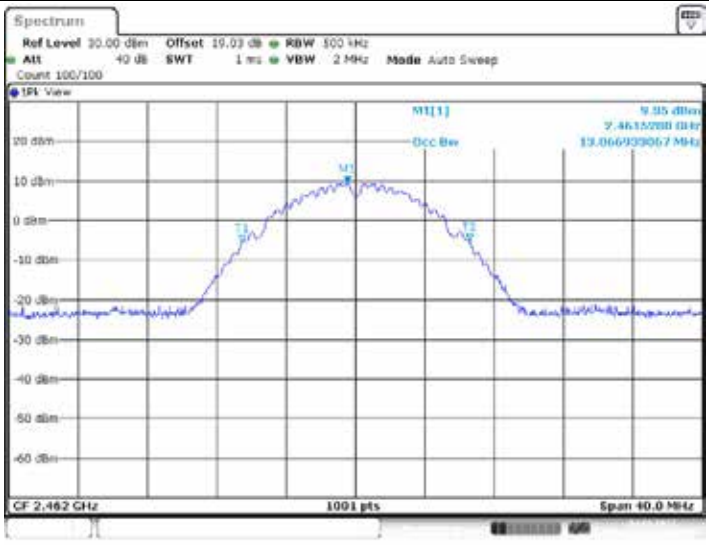

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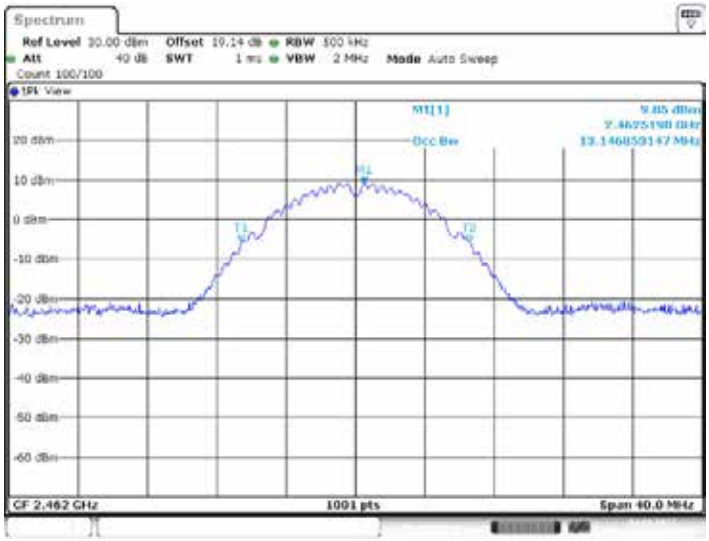

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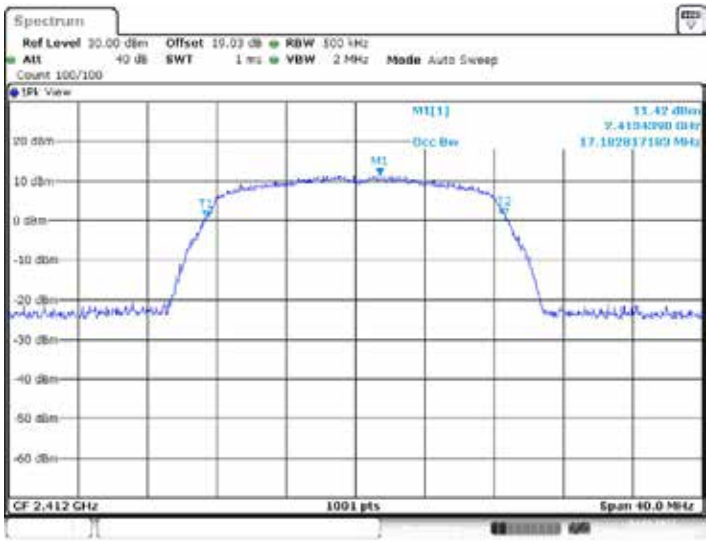

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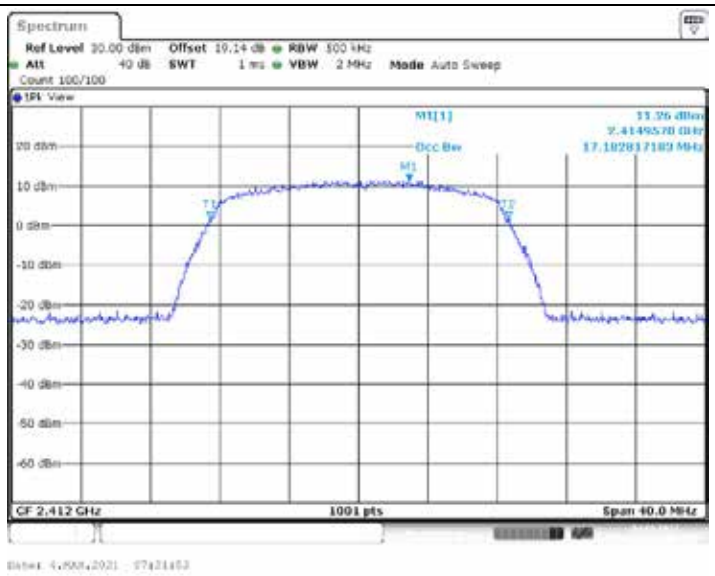

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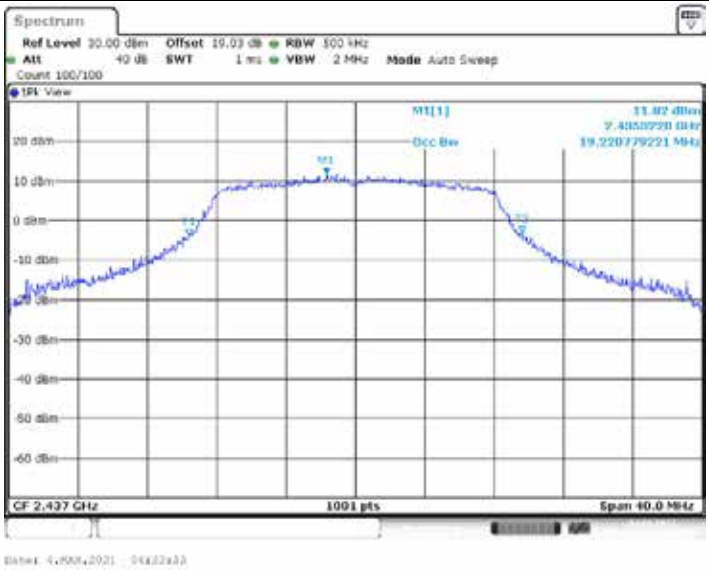

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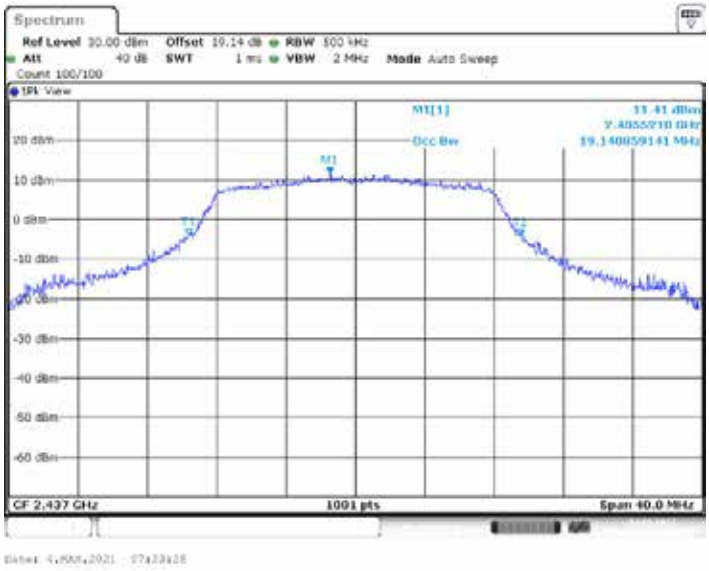

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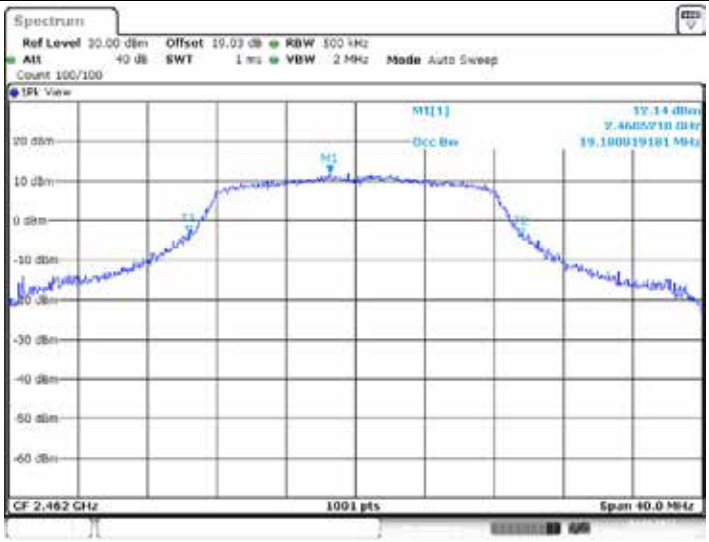

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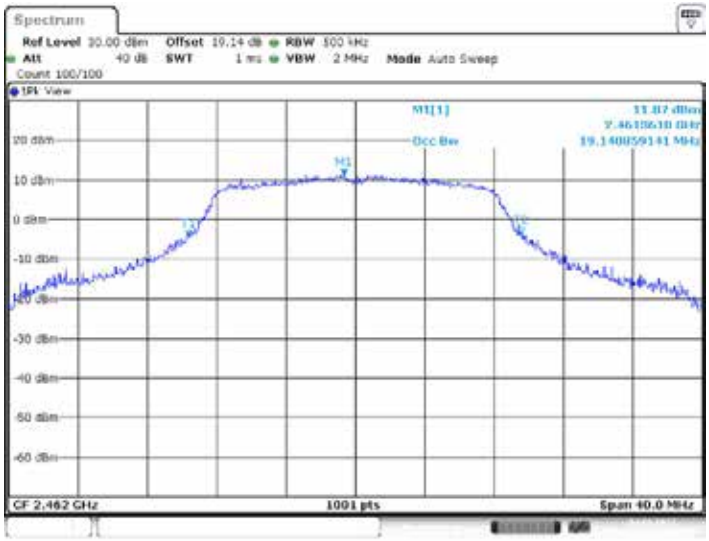

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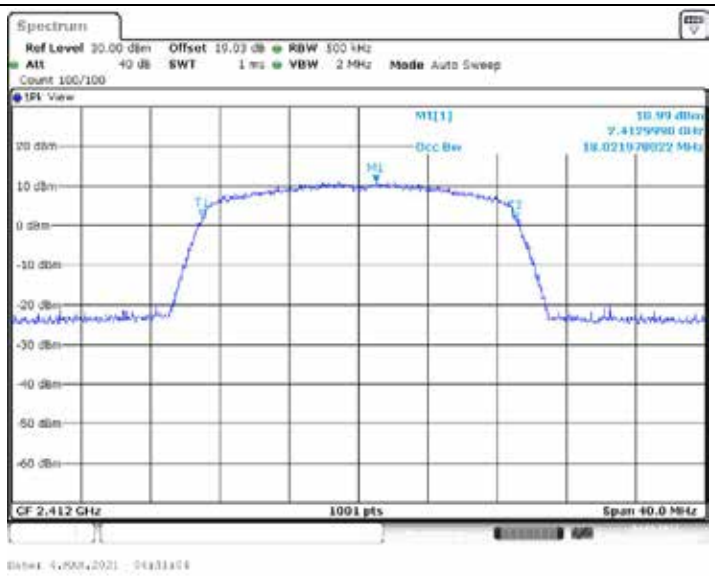

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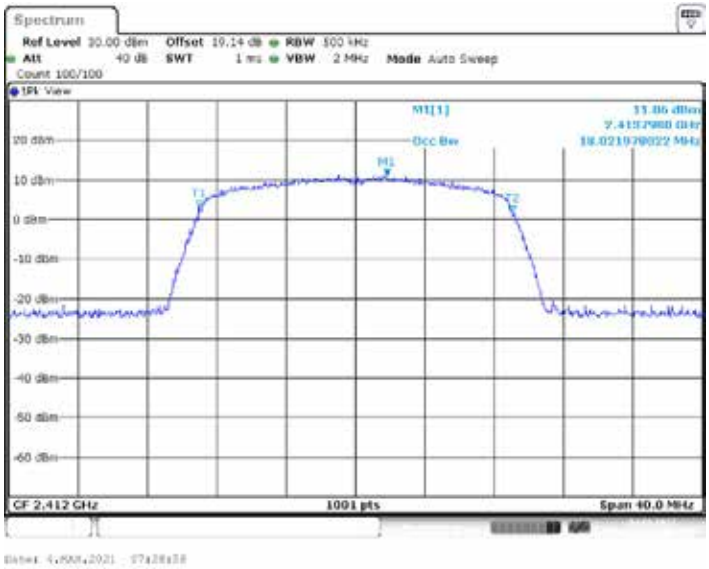

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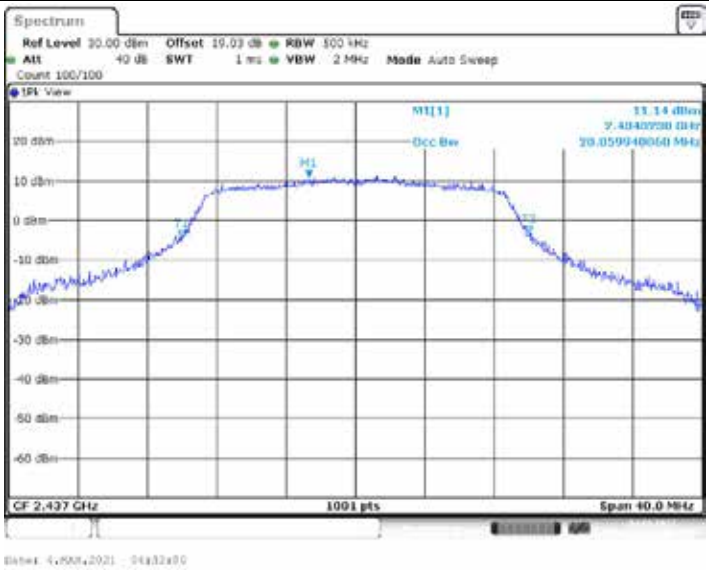

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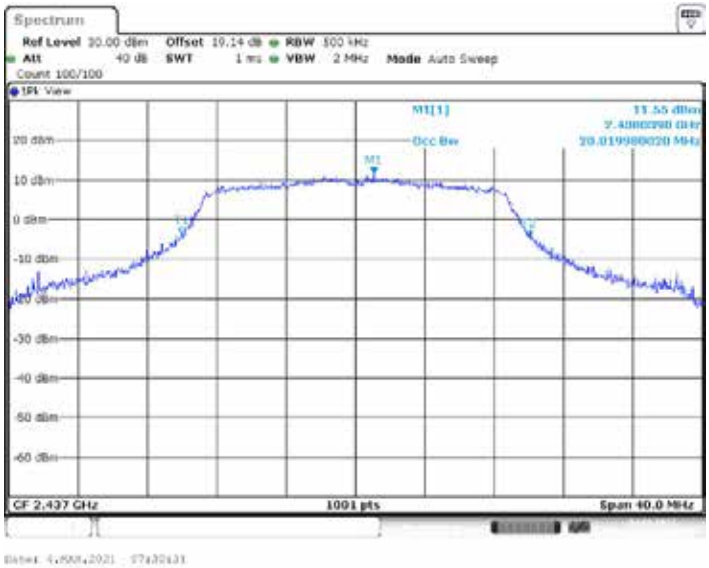

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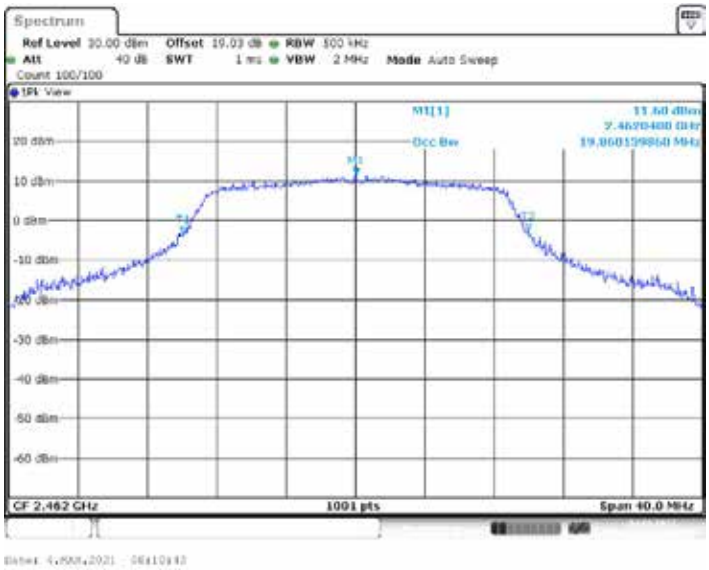

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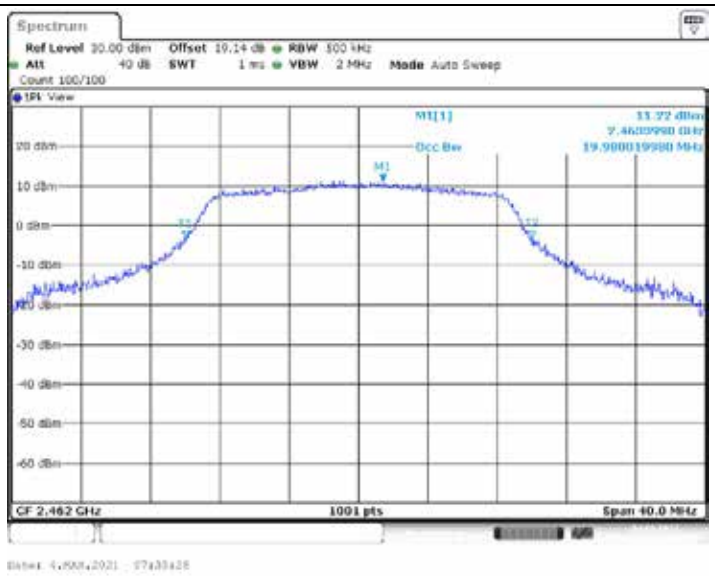

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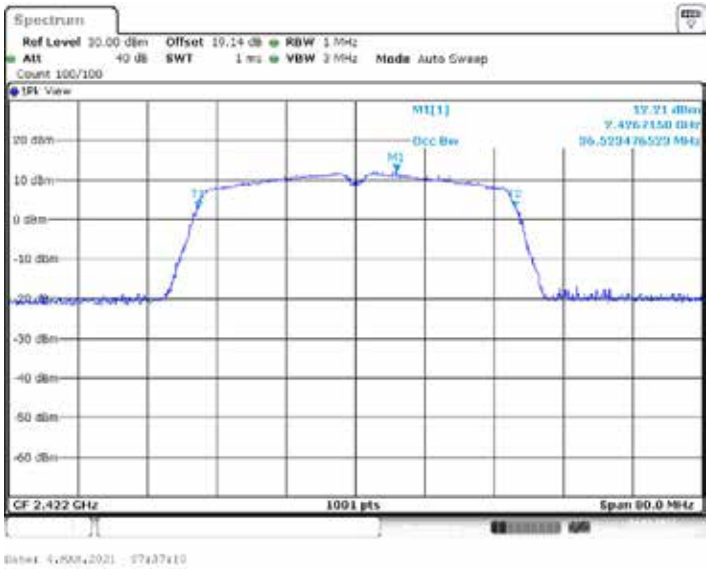

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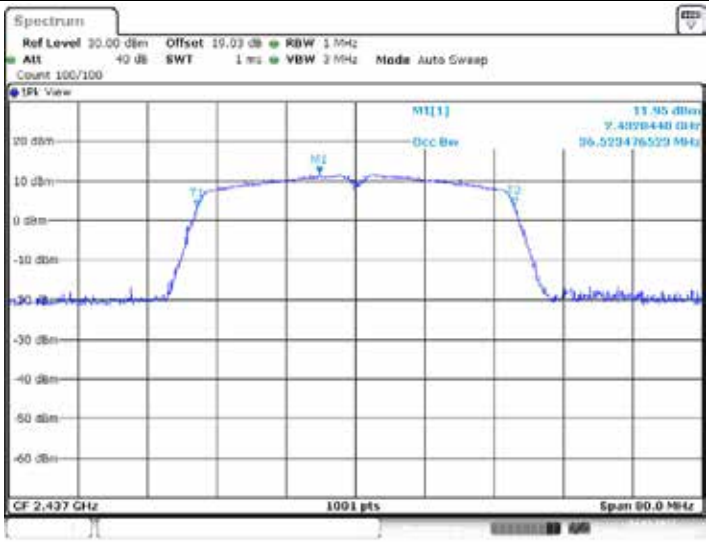

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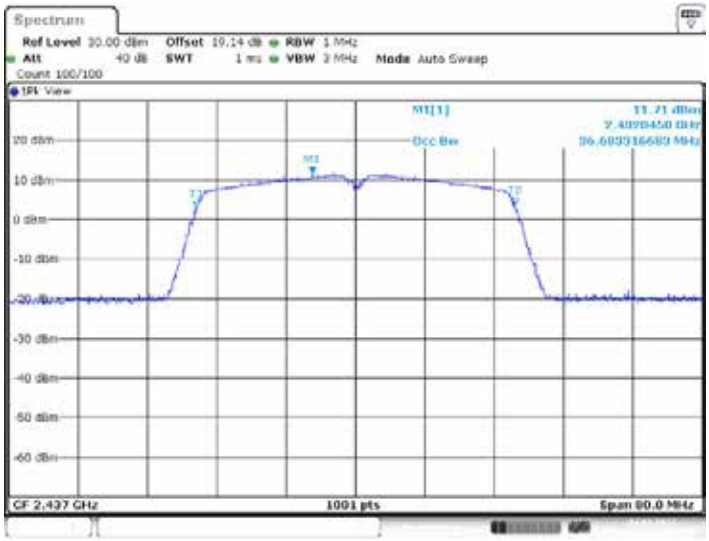

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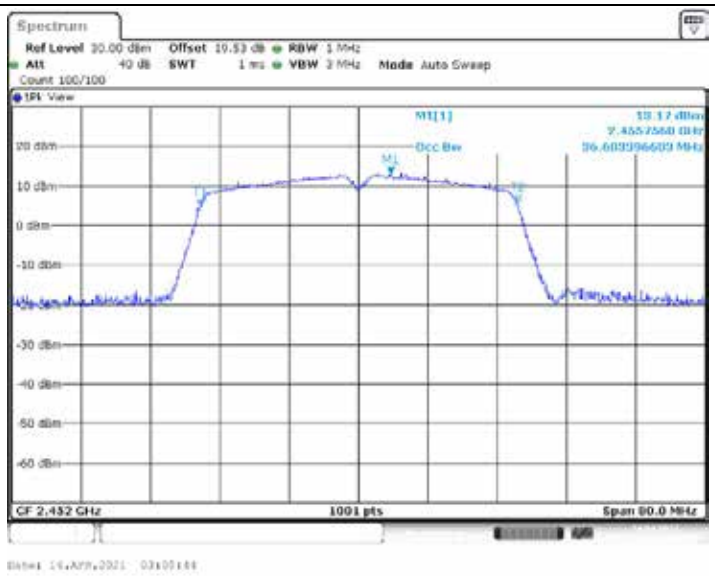

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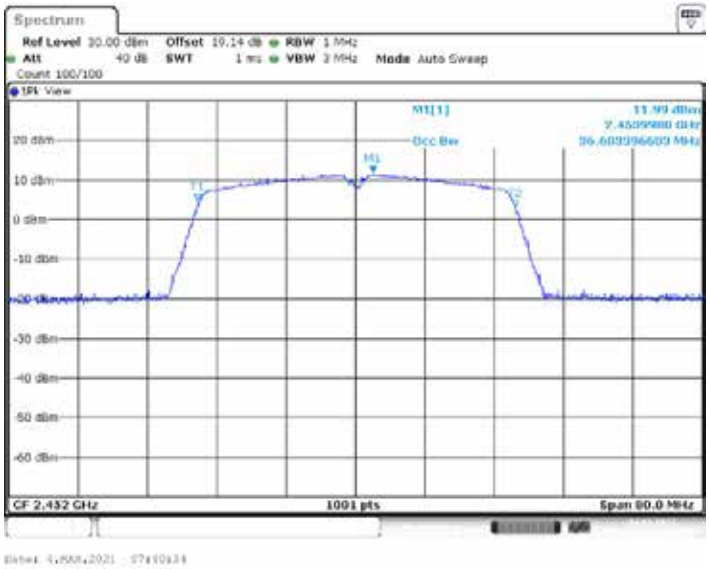
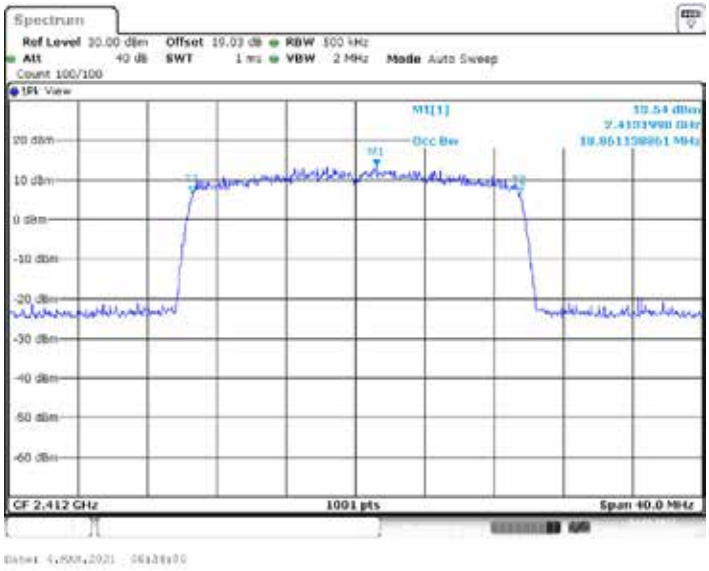
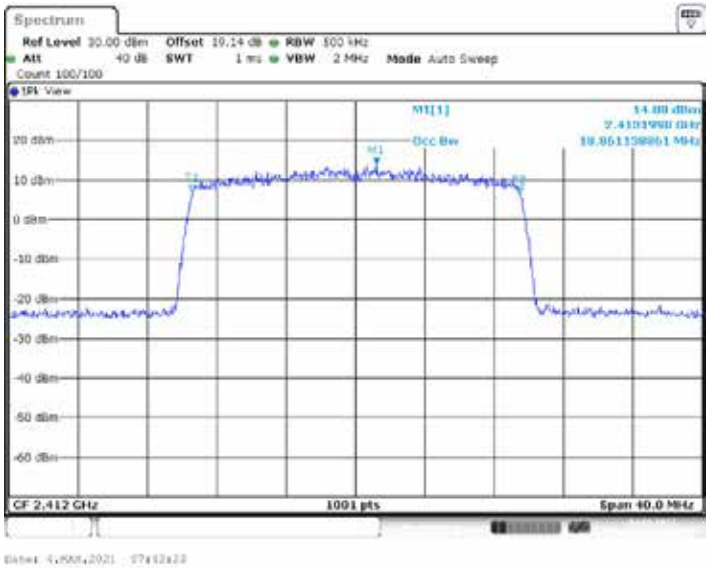


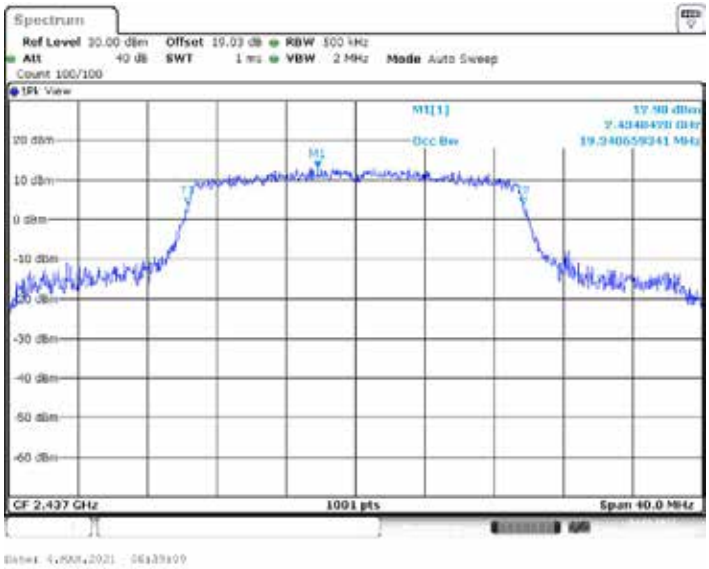
11AX20SISO_Ant1_2412



11AX20SISO_Ant2_2412



11AX20SISO_Ant1_2437



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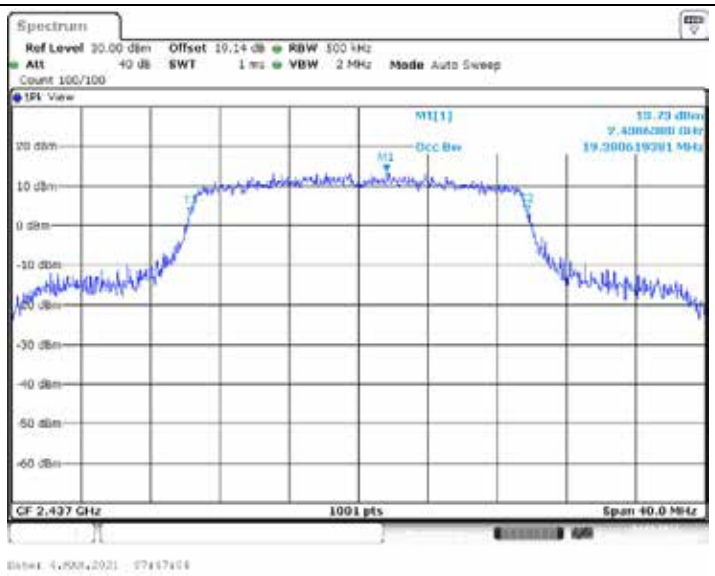

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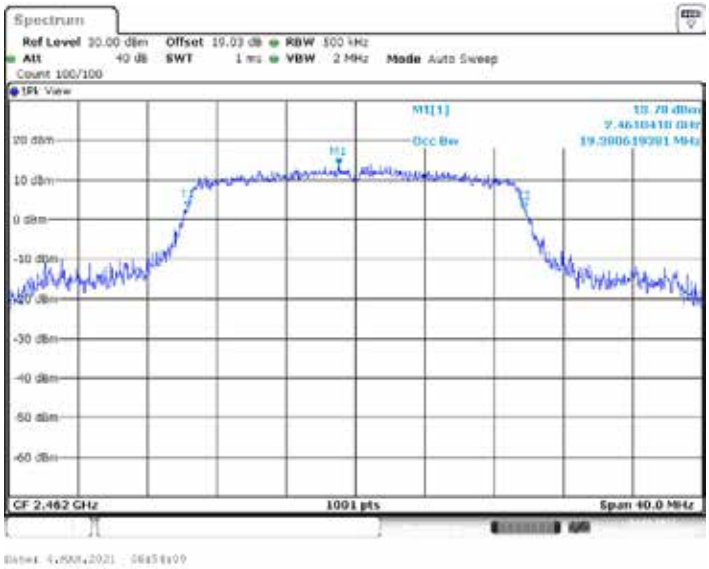

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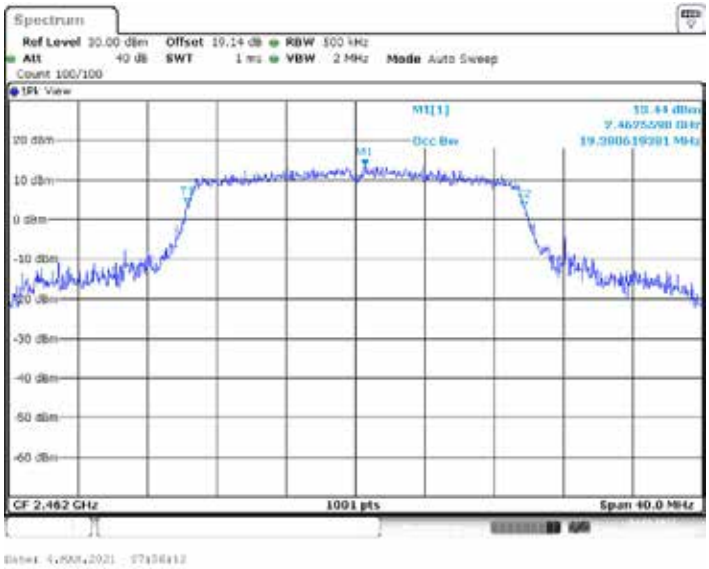

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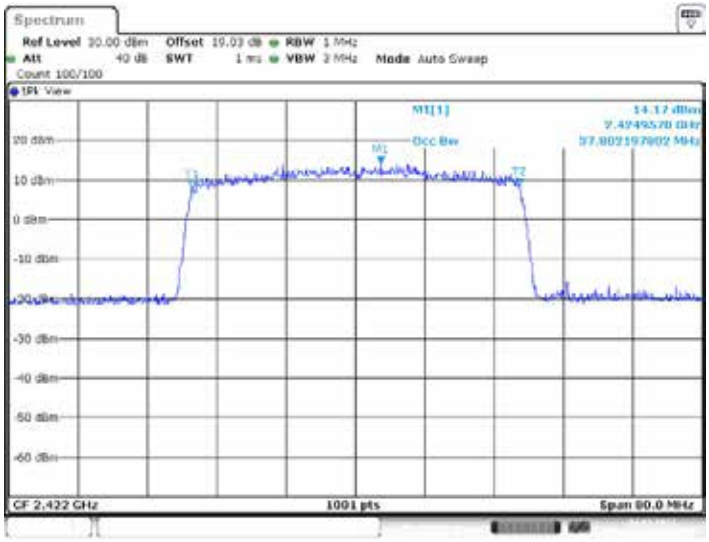
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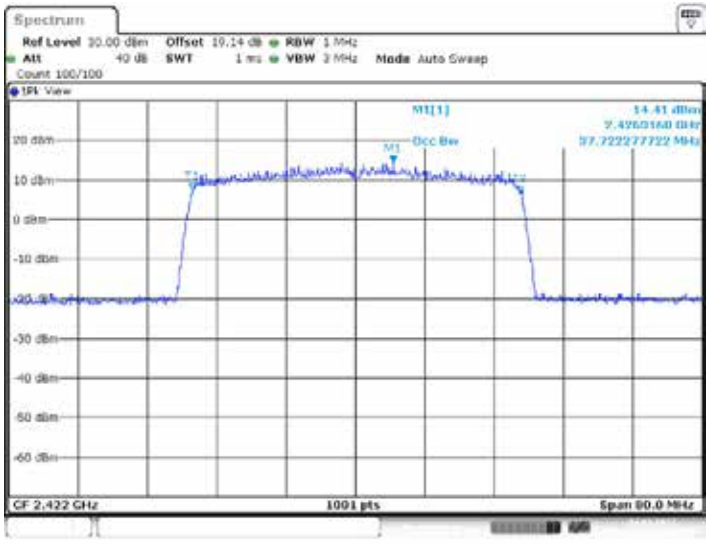
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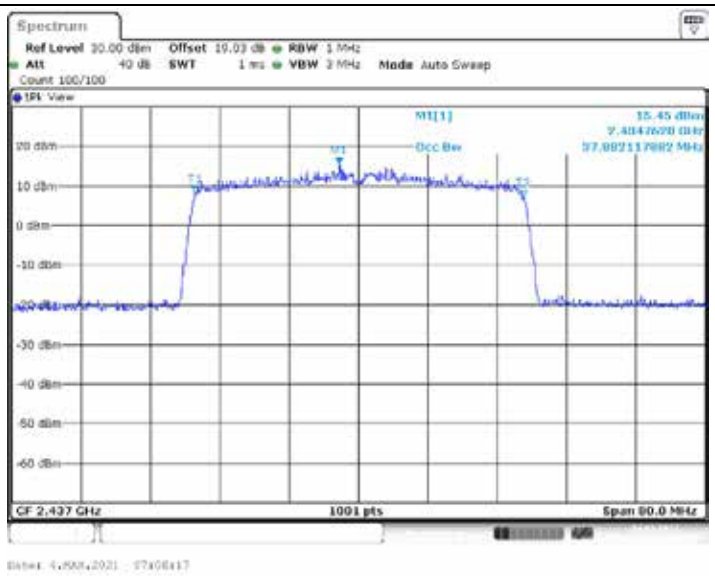

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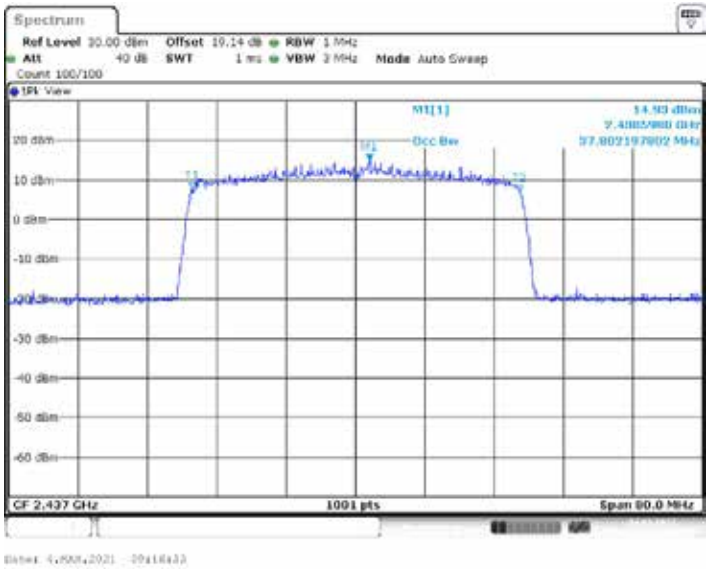
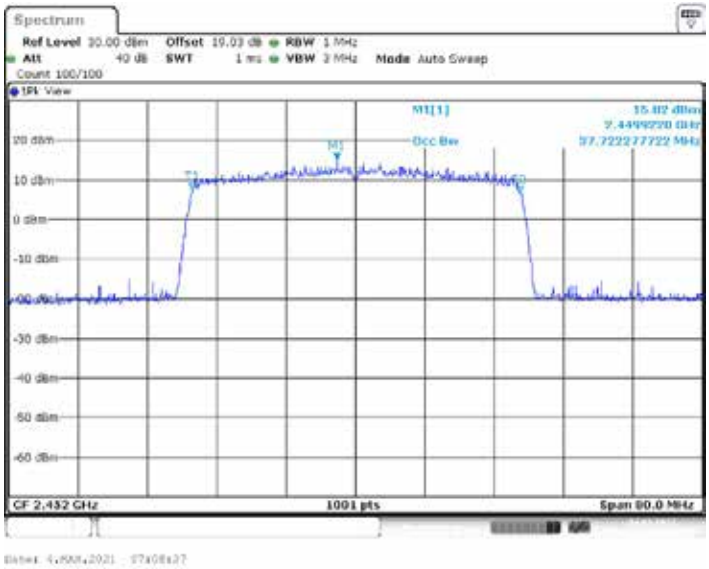


11AX40SISO_Ant1_2452



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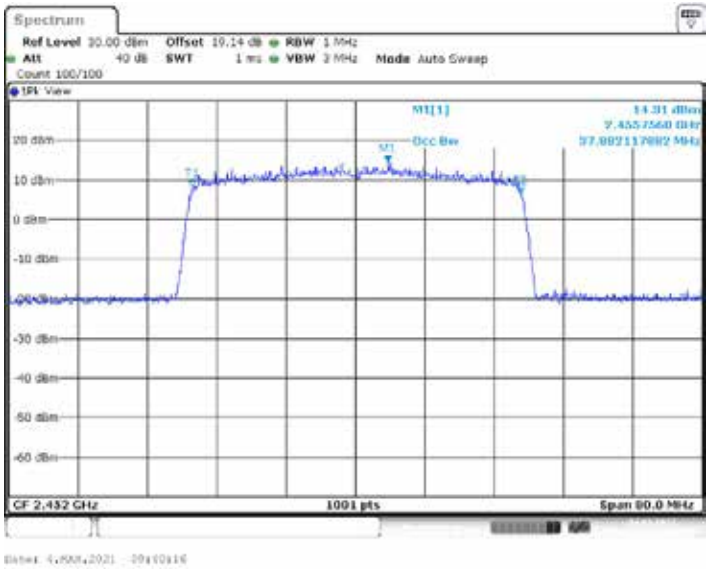
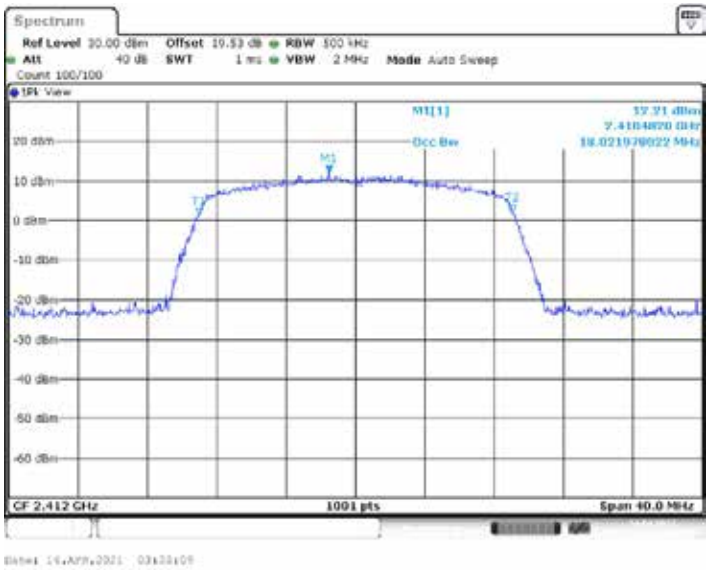


11N20MIMO_Ant1_2412



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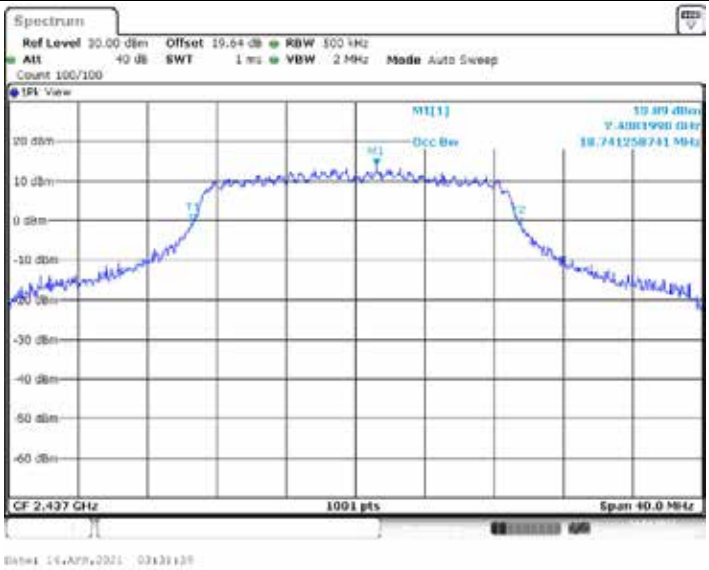
11N20MIMO_Ant1_2437

11N20MIMO_Ant2_2437



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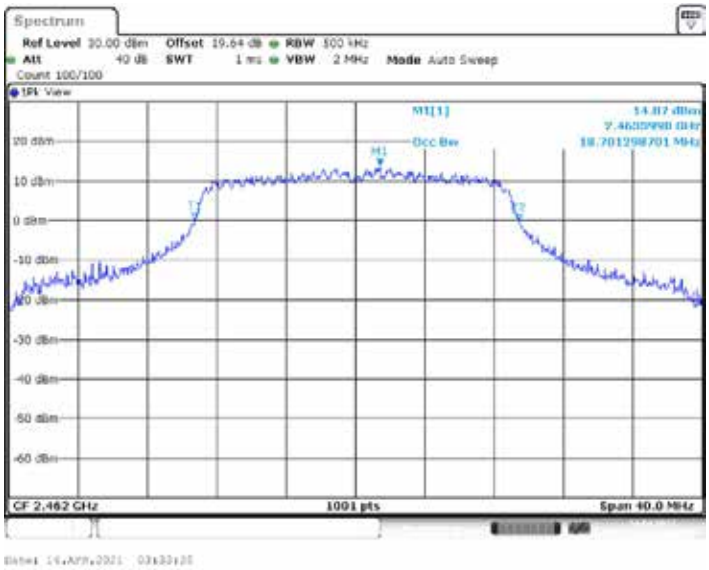
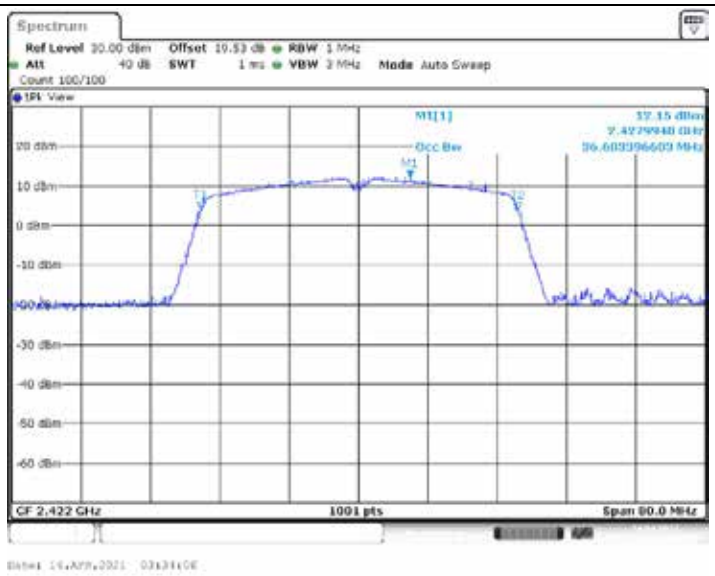
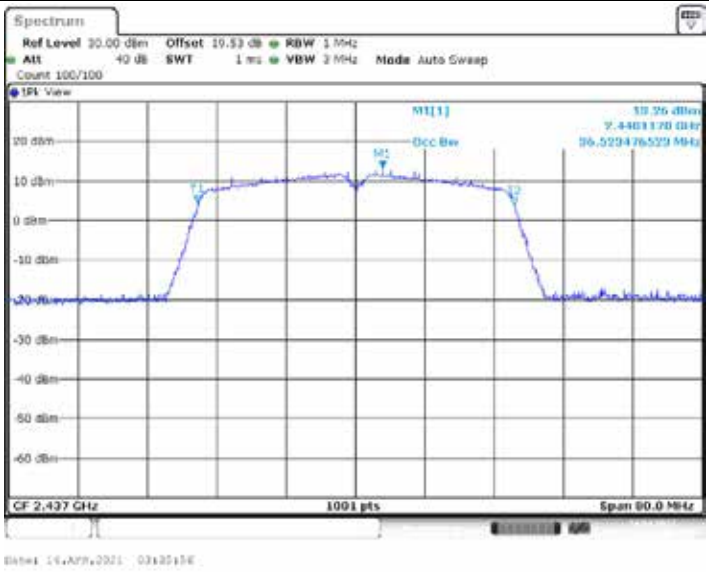

11N40MIMO_Ant1_2422



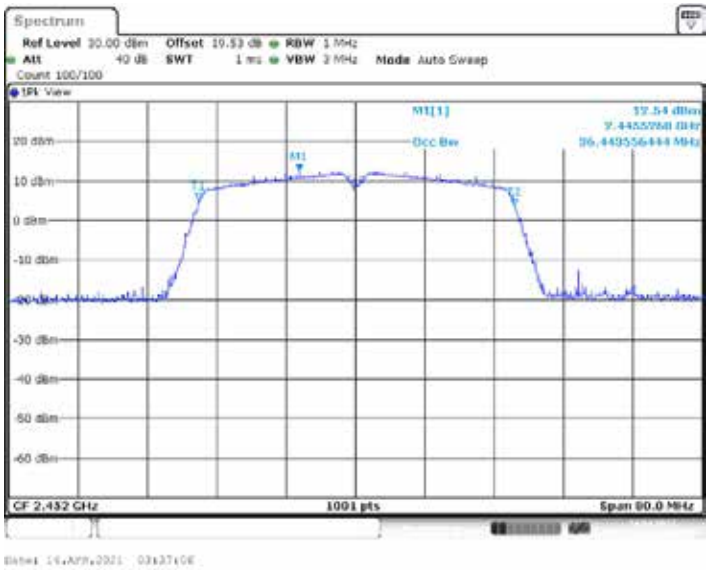
11N40MIMO_Ant2_2422

11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437

11N40MIMO_Ant1_2452



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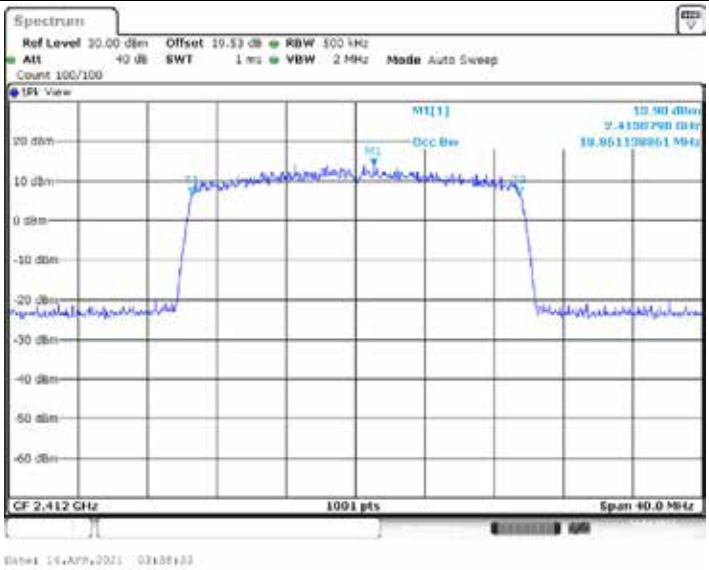
11AX20MIMO_Ant1_2412



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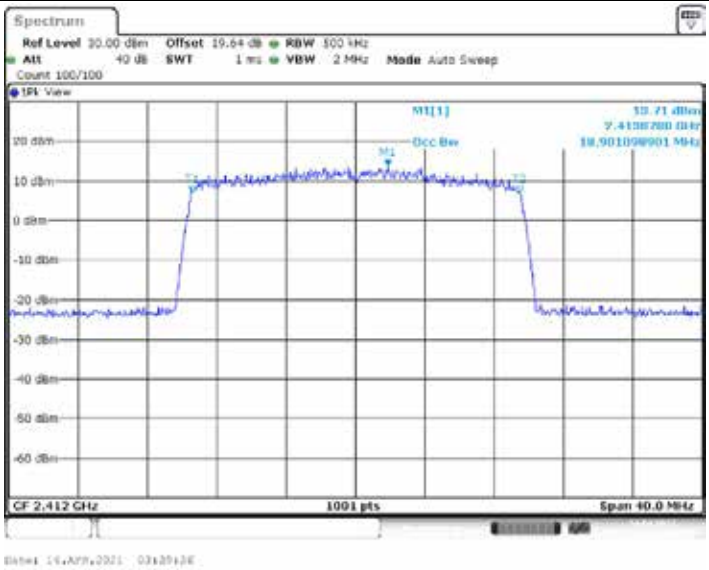

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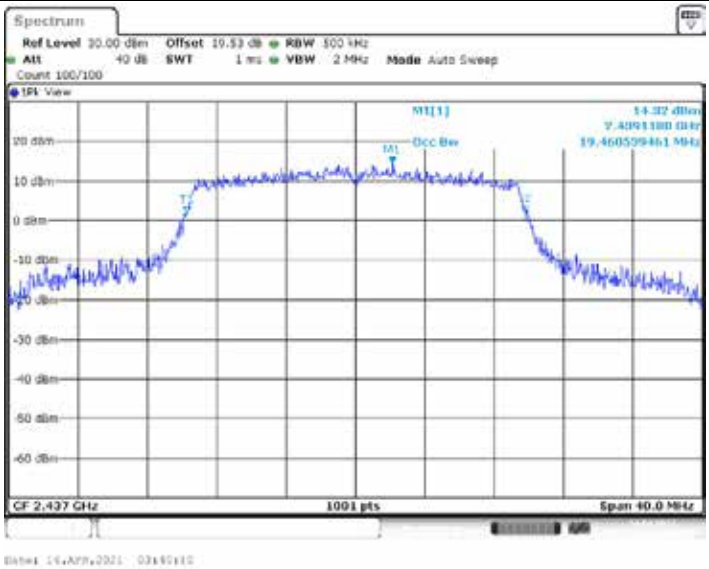

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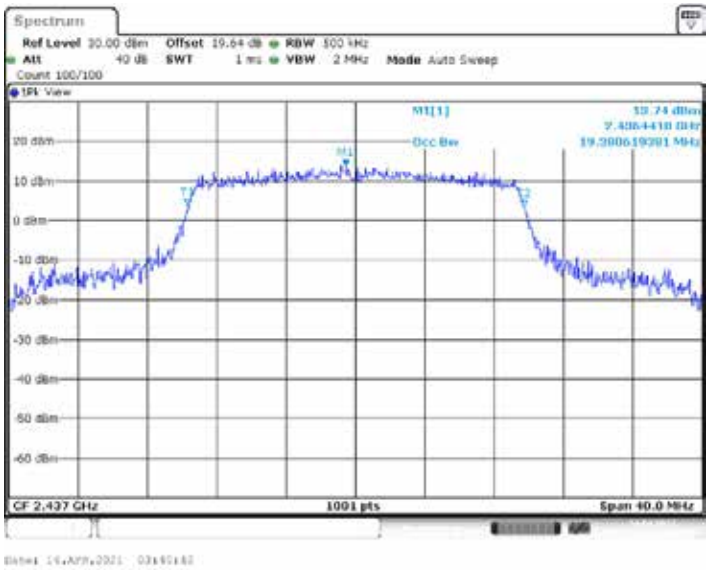

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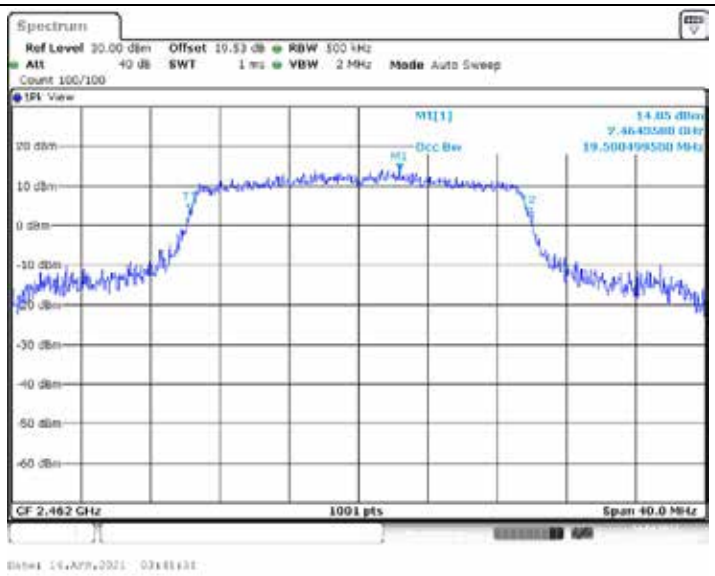
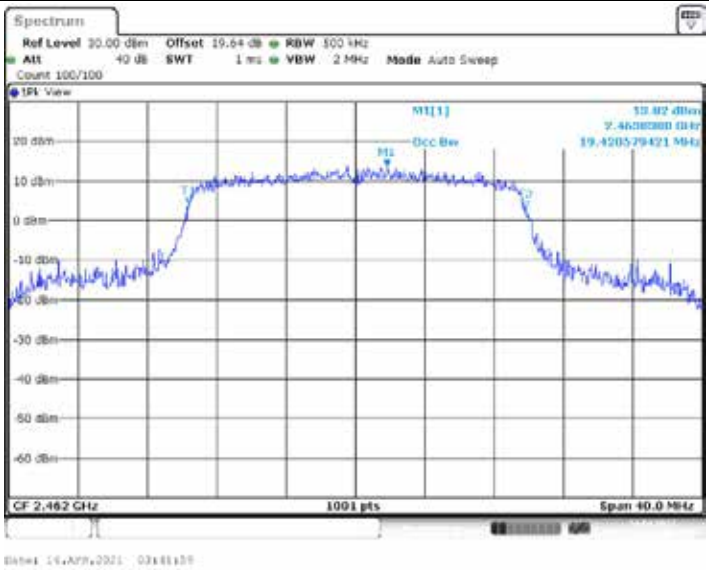


11AX20MIMO_Ant2_2462



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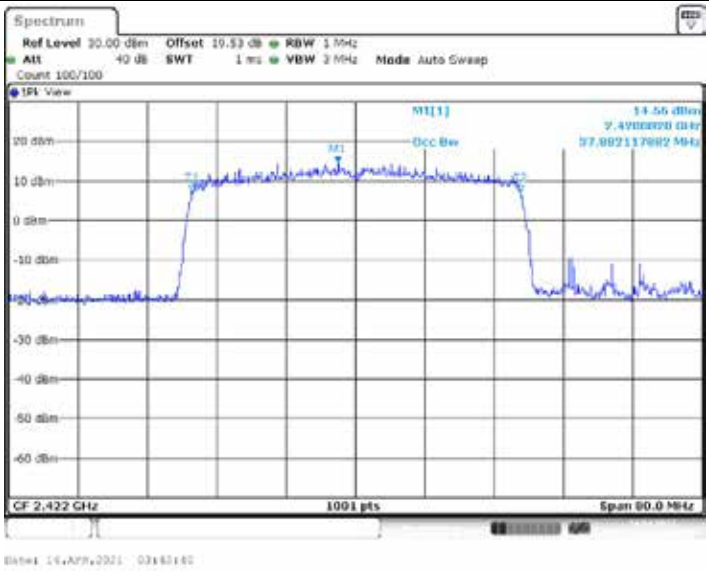

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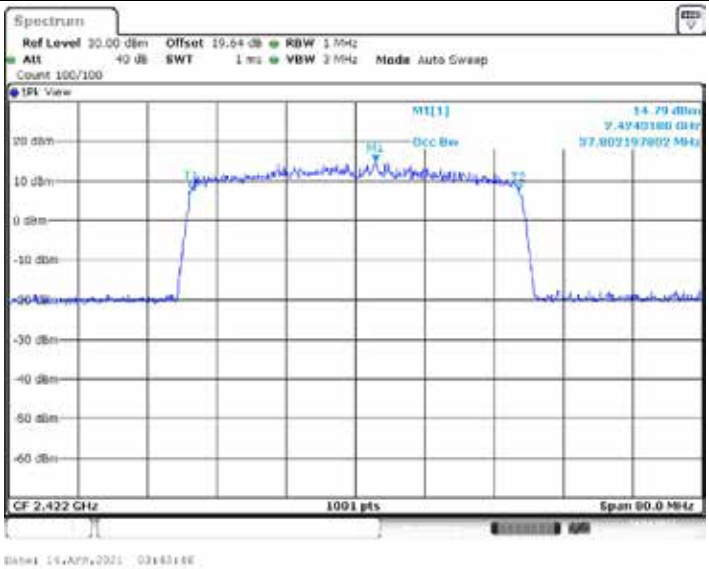

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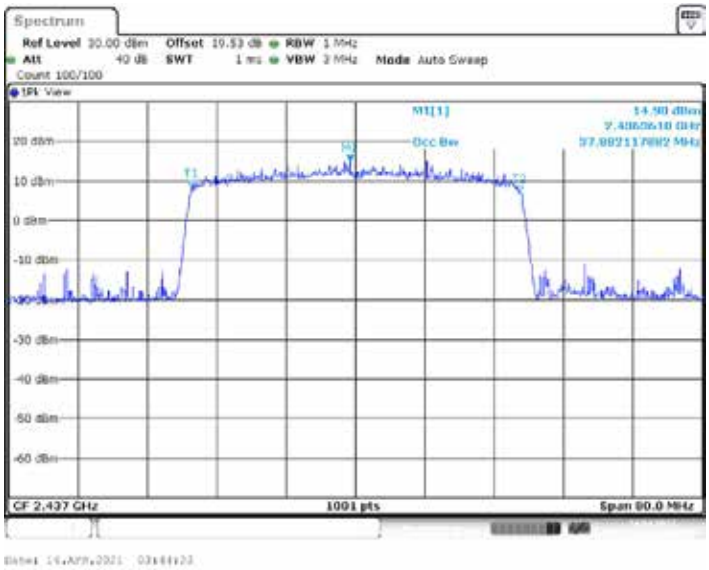

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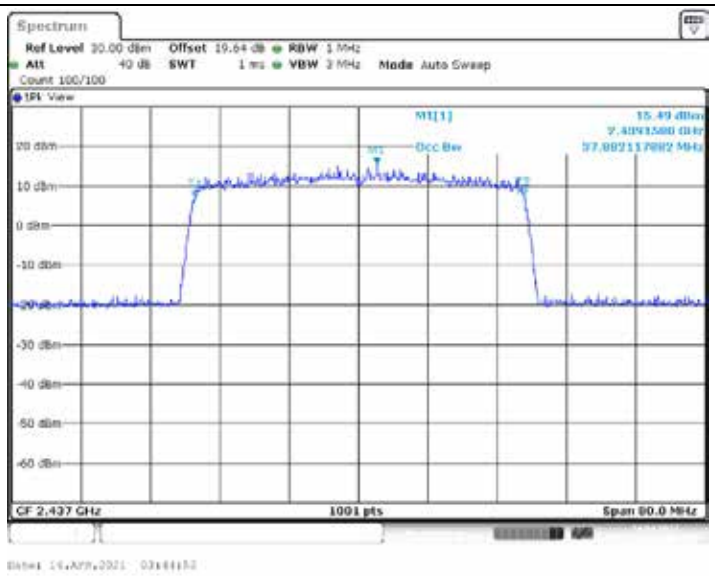

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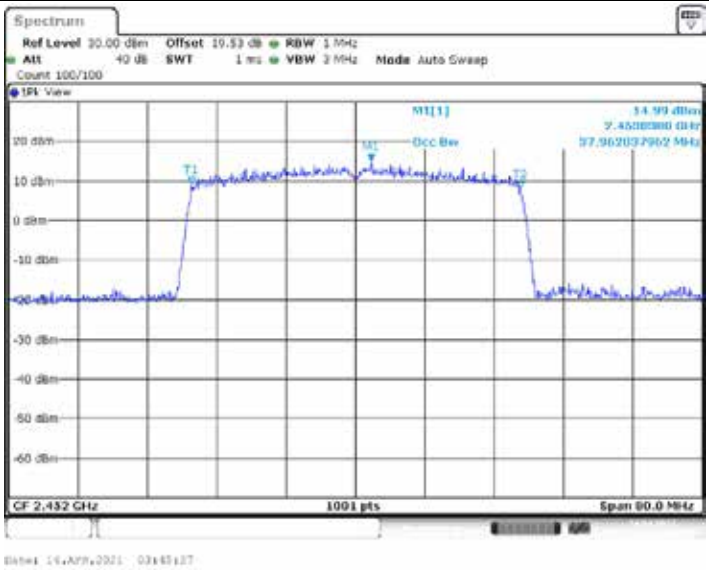

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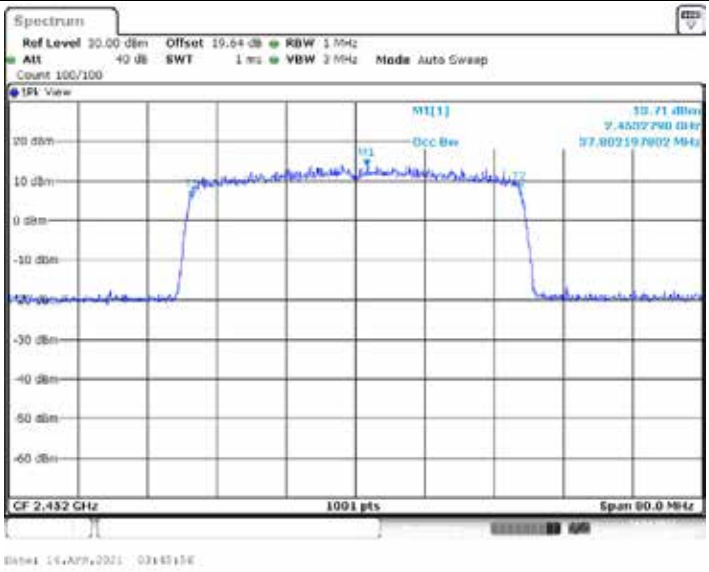


Appendix C: Maximum conducted output power

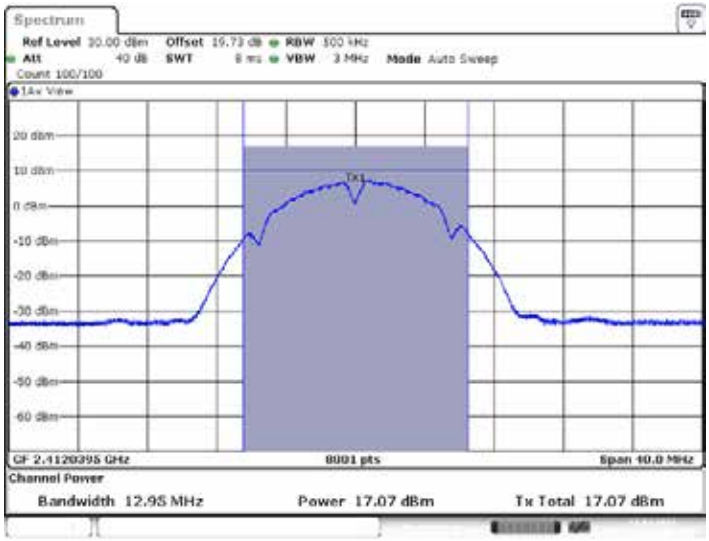
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.07	<=30	PASS
	Ant2	2412	17.04	<=30	PASS
	Ant1	2437	17.11	<=30	PASS
	Ant2	2437	16.92	<=30	PASS
	Ant1	2462	17.25	<=30	PASS
	Ant2	2462	16.90	<=30	PASS
11G	Ant1	2412	16.93	<=30	PASS
	Ant2	2412	16.41	<=30	PASS
	Ant1	2437	17.03	<=30	PASS
	Ant2	2437	16.10	<=30	PASS
	Ant1	2462	17.20	<=30	PASS
	Ant2	2462	16.07	<=30	PASS
11N20SISO	Ant1	2412	16.84	<=30	PASS
	Ant2	2412	16.20	<=30	PASS
	Ant1	2437	16.93	<=30	PASS
	Ant2	2437	15.94	<=30	PASS
	Ant1	2462	17.10	<=30	PASS
	Ant2	2462	15.96	<=30	PASS
11N40SISO	Ant1	2422	16.49	<=30	PASS
	Ant2	2422	15.79	<=30	PASS
	Ant1	2437	16.10	<=30	PASS
	Ant2	2437	15.51	<=30	PASS
	Ant1	2452	17.36	<=30	PASS
	Ant2	2452	15.75	<=30	PASS
11AX20SISO	Ant1	2412	17.08	<=30	PASS
	Ant2	2412	16.13	<=30	PASS
	Ant1	2437	17.51	<=30	PASS
	Ant2	2437	15.86	<=30	PASS
	Ant1	2462	17.22	<=30	PASS
	Ant2	2462	16.14	<=30	PASS
11AX40SISO	Ant1	2422	17.02	<=30	PASS
	Ant2	2422	15.76	<=30	PASS
	Ant1	2437	17.30	<=30	PASS
	Ant2	2437	15.50	<=30	PASS
	Ant1	2452	17.10	<=30	PASS
	Ant2	2452	15.71	<=30	PASS
11N20MIMO	Ant1	2412	16.79	<=30	PASS

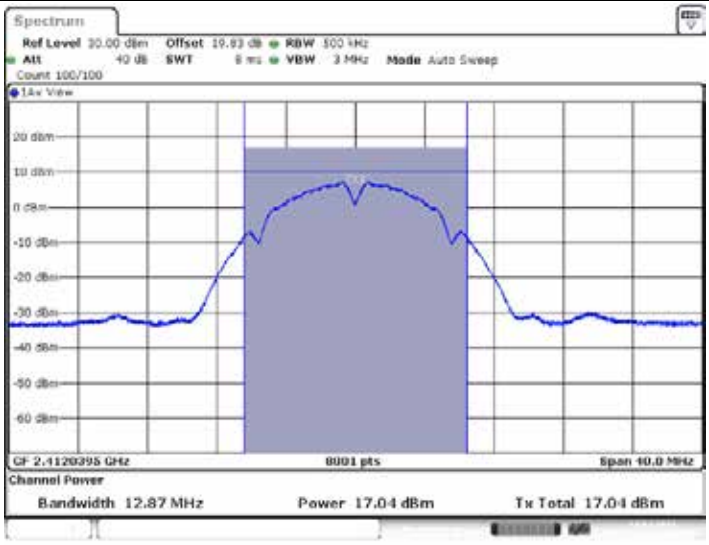
	Ant2	2412	16.91	<=30	PASS
	total	2412	19.9	<=30	PASS
	Ant1	2437	13.81	<=30	PASS
	Ant2	2437	14.07	<=30	PASS
	total	2437	17.0	<=30	PASS
	Ant1	2462	14.21	<=30	PASS
	Ant2	2462	14.32	<=30	PASS
	total	2462	17.3	<=30	PASS
11N40MIMO	Ant1	2422	15.50	<=30	PASS
	Ant2	2422	15.56	<=30	PASS
	total	2422	18.5	<=30	PASS
	Ant1	2437	15.32	<=30	PASS
	Ant2	2437	15.48	<=30	PASS
	total	2437	18.4	<=30	PASS
	Ant1	2452	15.62	<=30	PASS
	Ant2	2452	15.49	<=30	PASS
	total	2452	18.6	<=30	PASS
11AX20MIMO	Ant1	2412	16.96	<=30	PASS
	Ant2	2412	17.10	<=30	PASS
	total	2412	20.0	<=30	PASS
	Ant1	2437	17.10	<=30	PASS
	Ant2	2437	17.03	<=30	PASS
	total	2437	20.1	<=30	PASS
	Ant1	2462	17.27	<=30	PASS
	Ant2	2462	16.81	<=30	PASS
	total	2462	20.1	<=30	PASS
11AX40MIMO	Ant1	2422	16.92	<=30	PASS
	Ant2	2422	17.06	<=30	PASS
	total	2422	20.0	<=30	PASS
	Ant1	2437	17.02	<=30	PASS
	Ant2	2437	17.06	<=30	PASS
	total	2437	20.1	<=30	PASS
	Ant1	2452	17.07	<=30	PASS
	Ant2	2452	16.74	<=30	PASS
	total	2452	19.9	<=30	PASS

Test Graphs

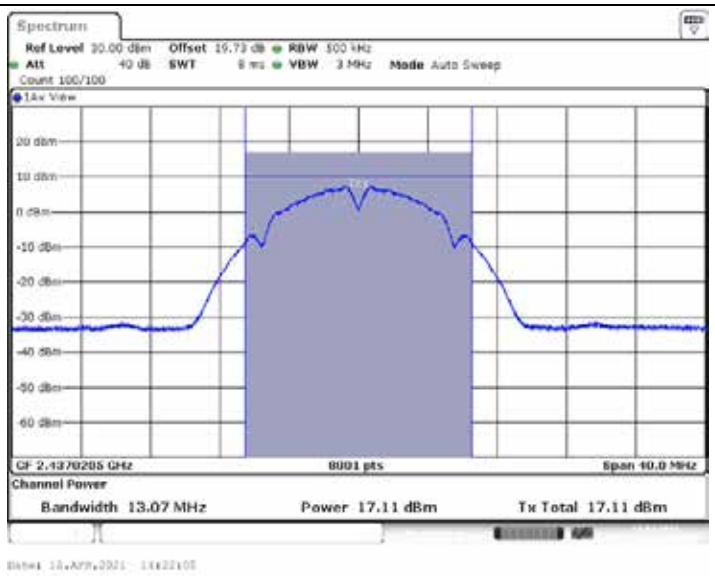
11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



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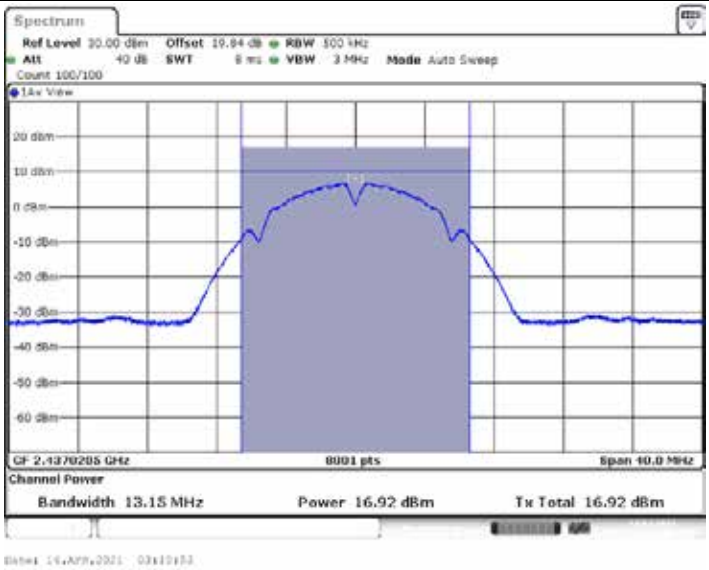
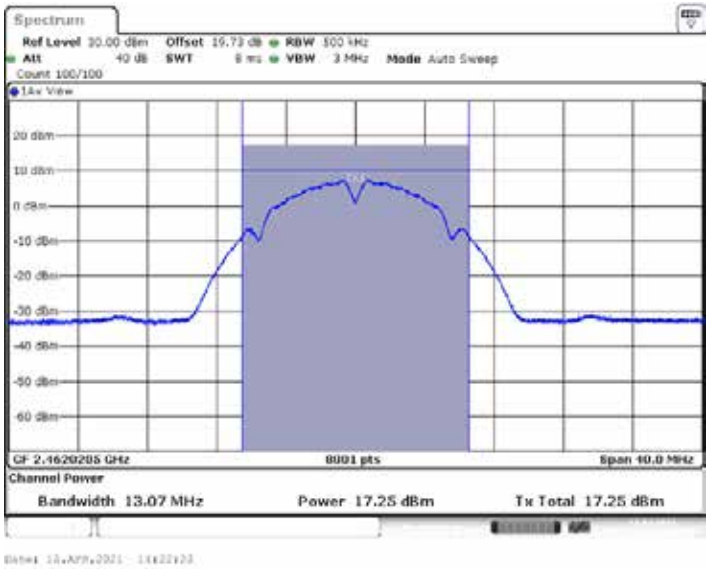
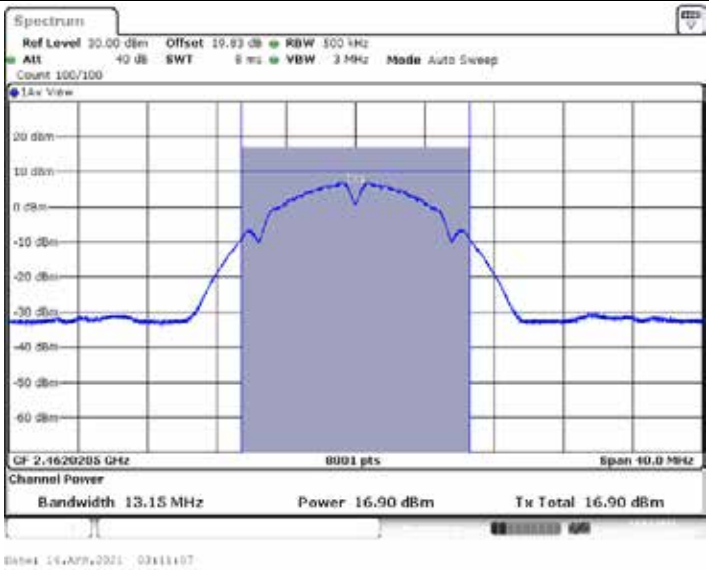


11B_Ant1_2462



11B_Ant2_2462



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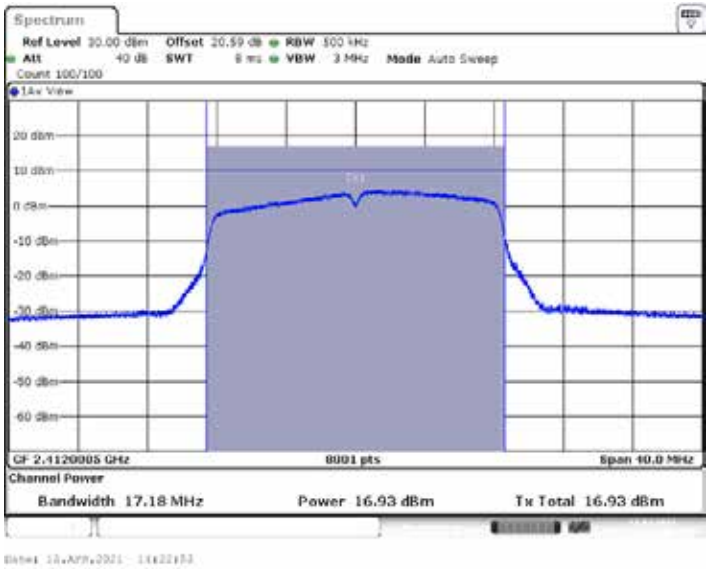

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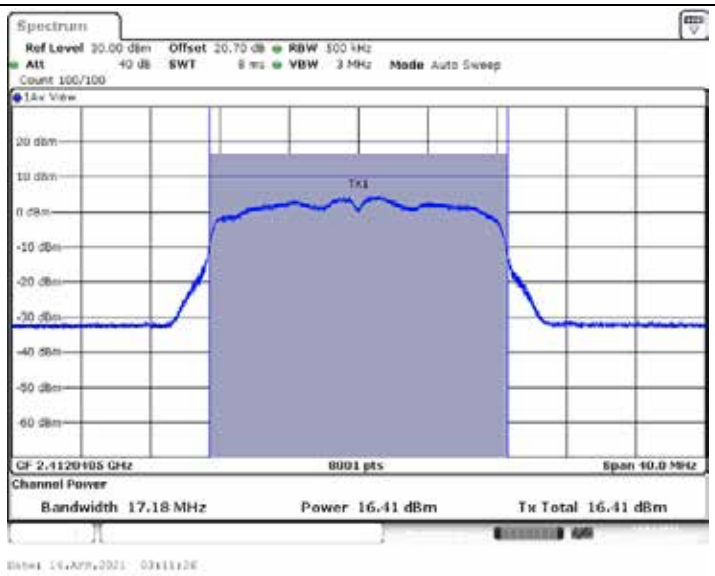

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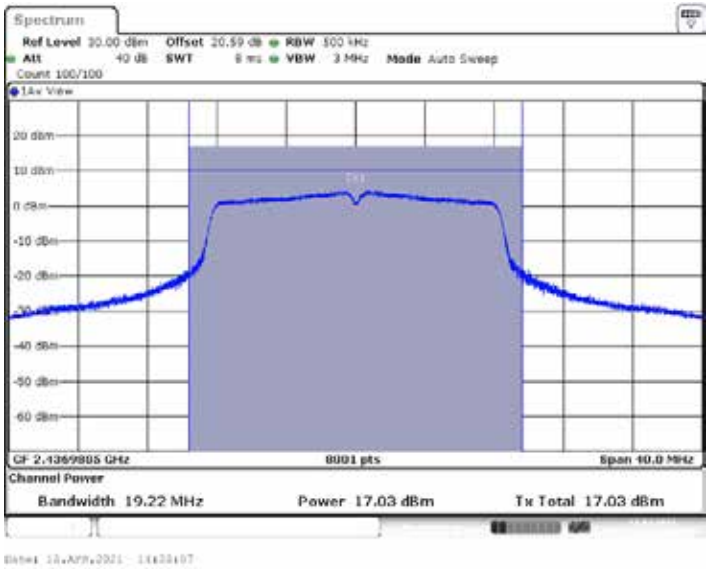

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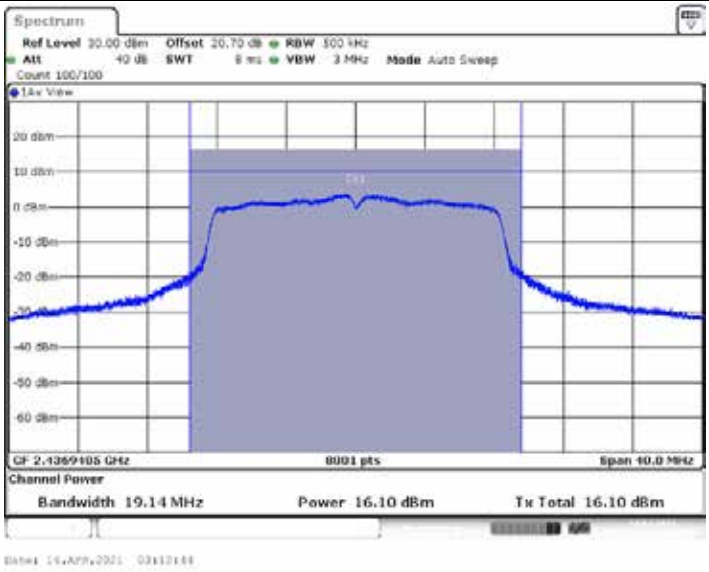

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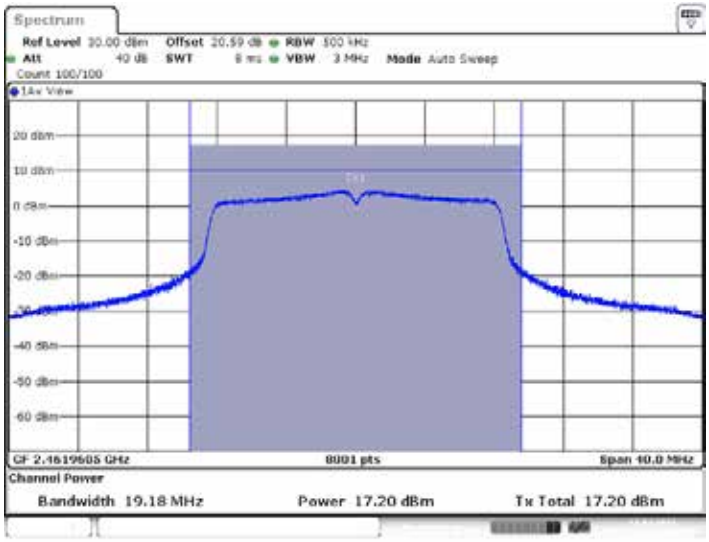

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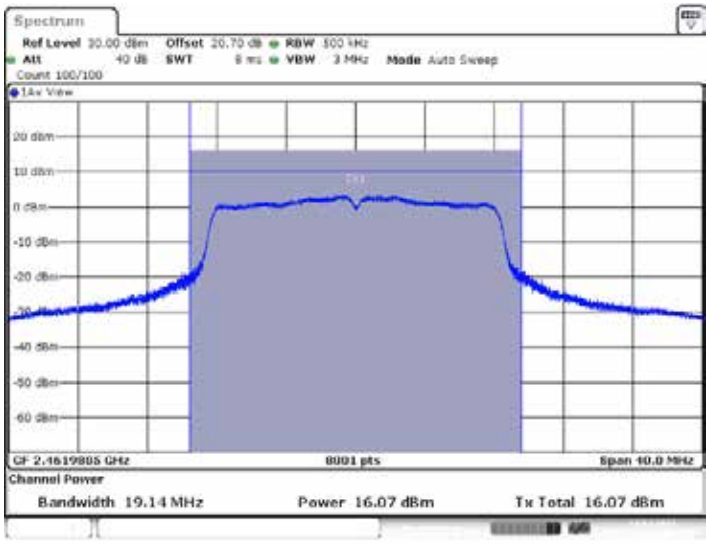

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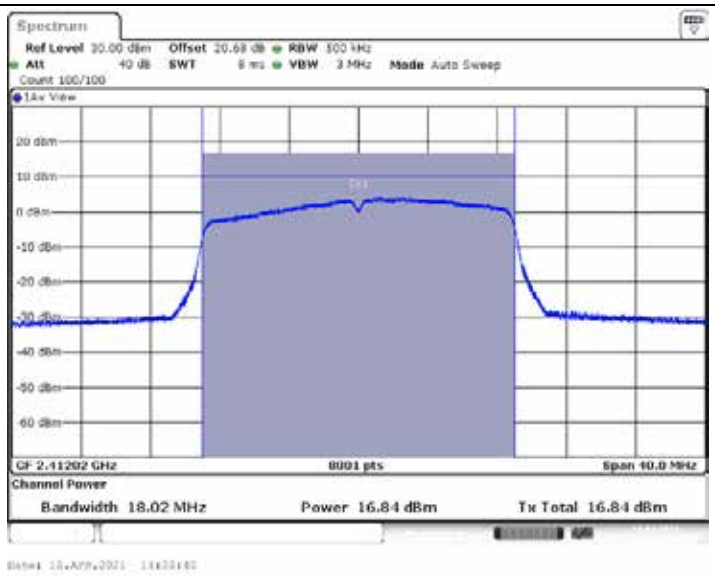
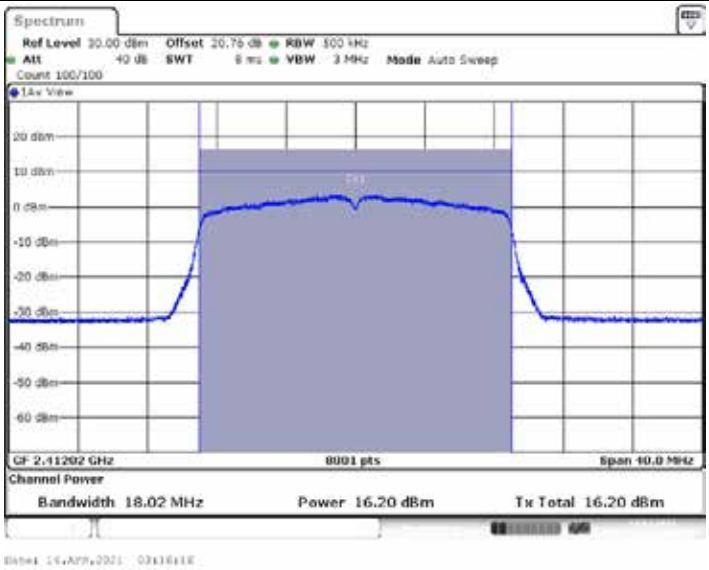


11N20SISO_Ant2_2412



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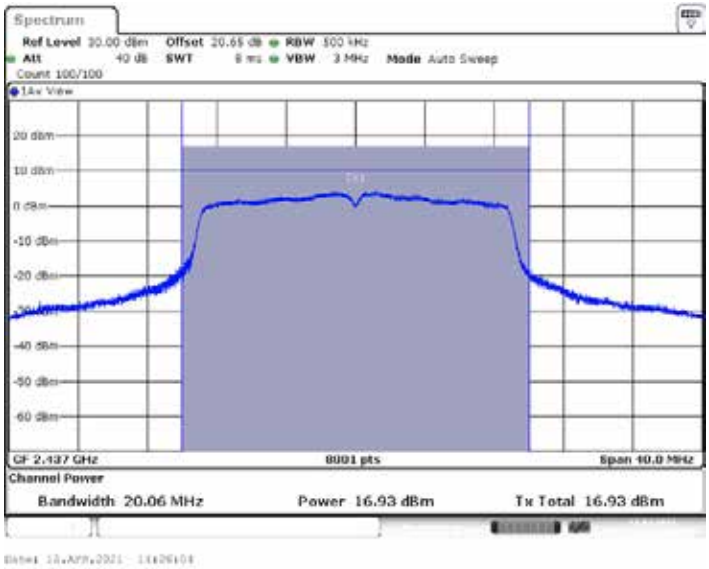

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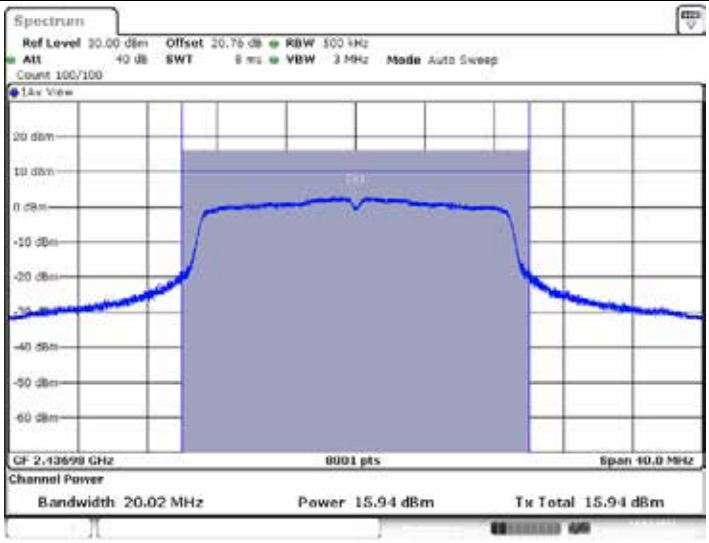

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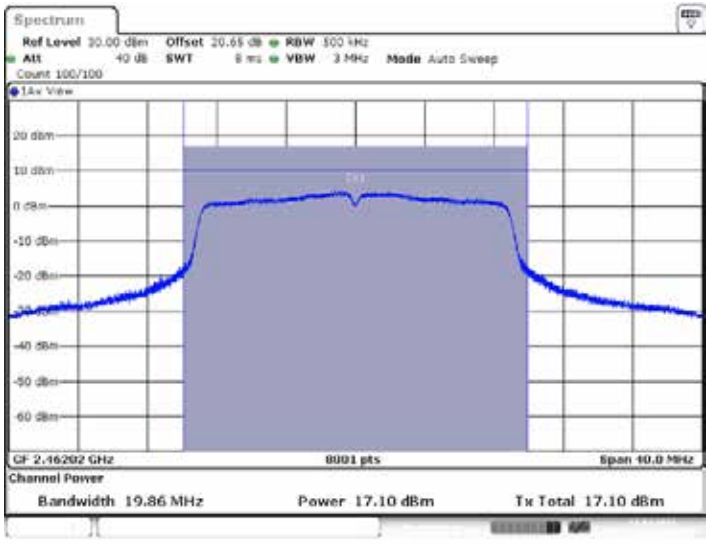

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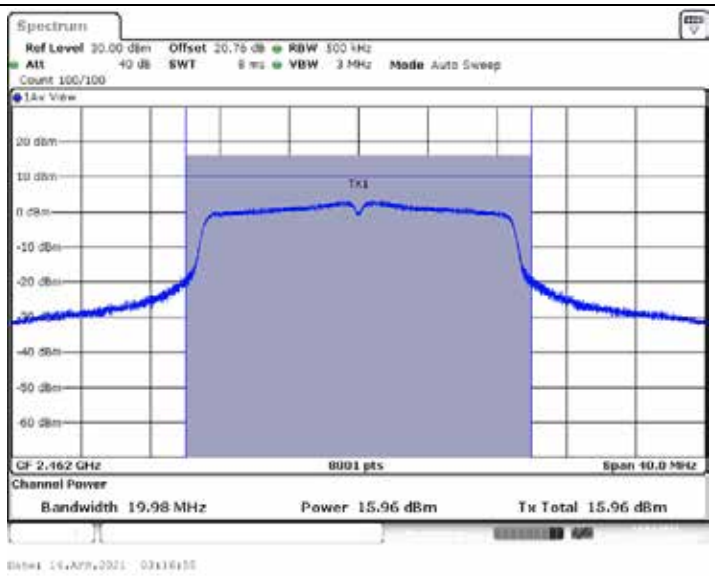

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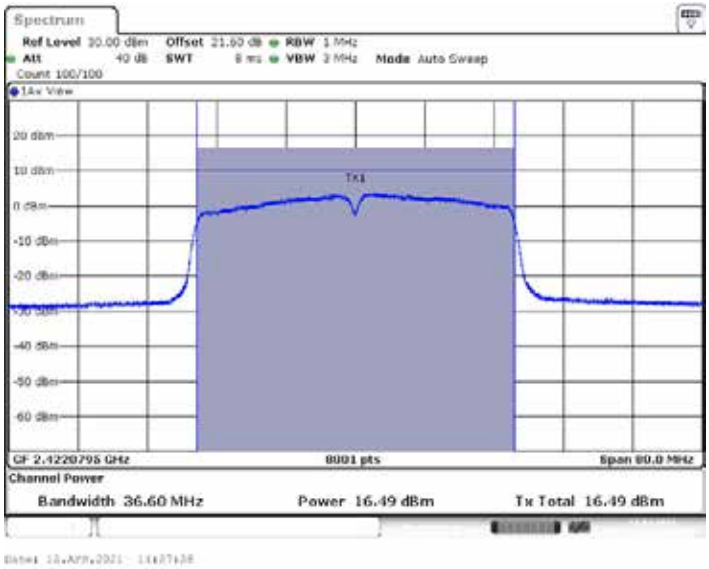

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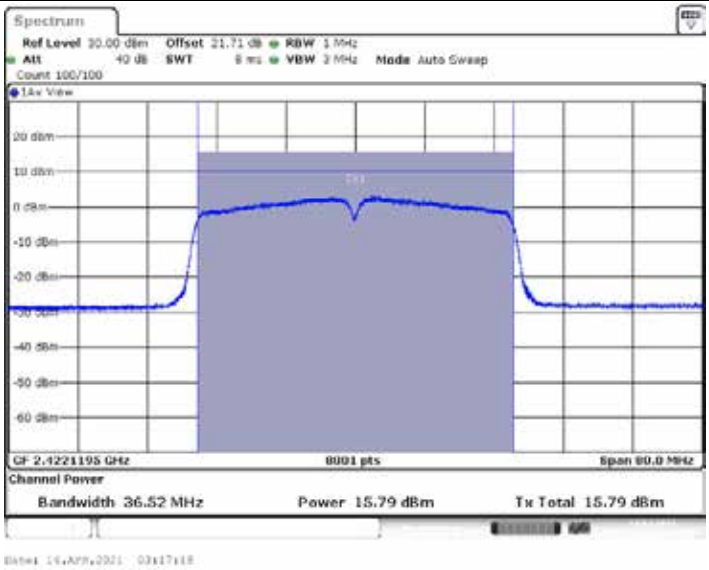

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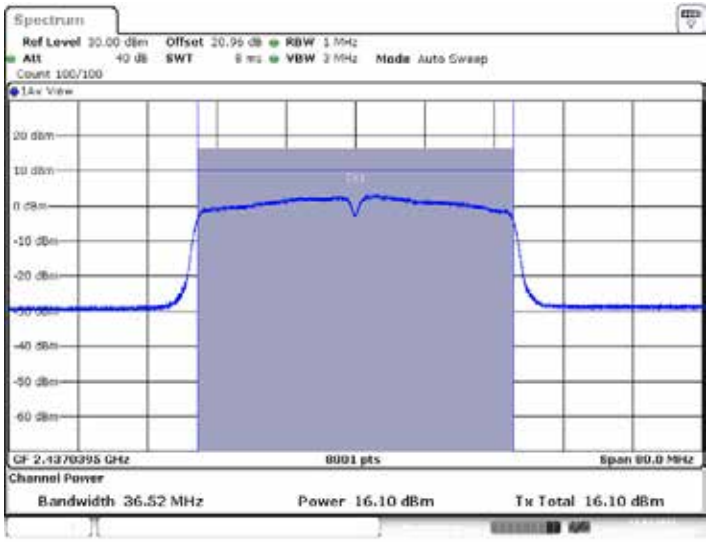

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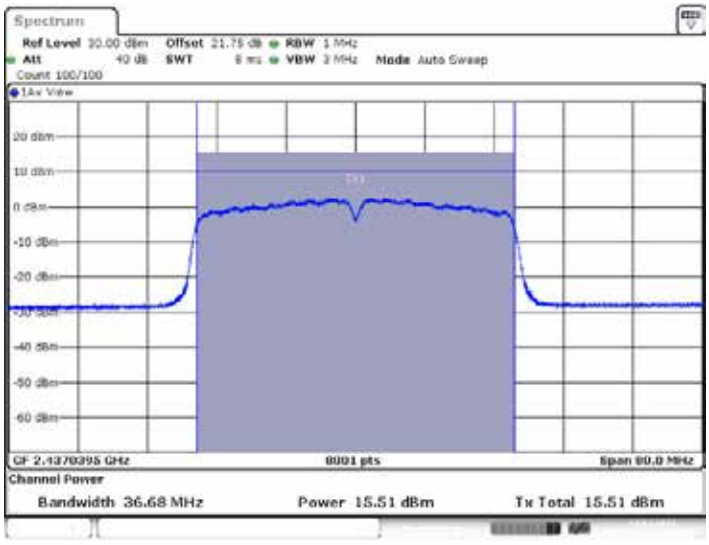

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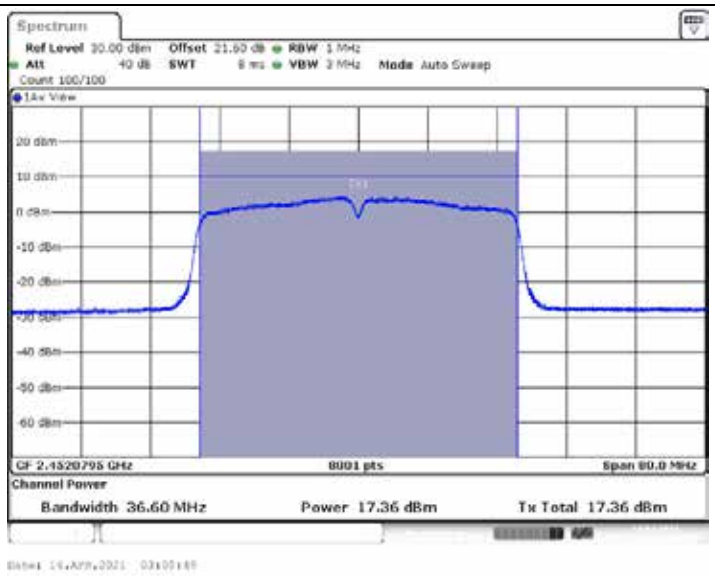

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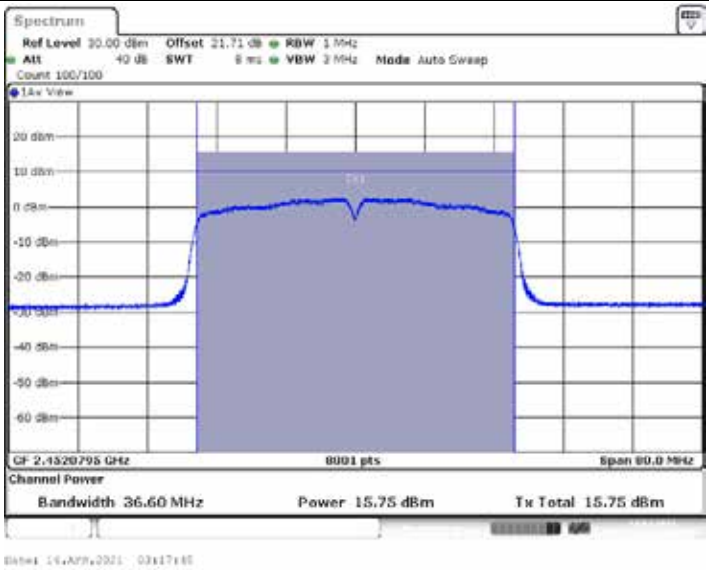

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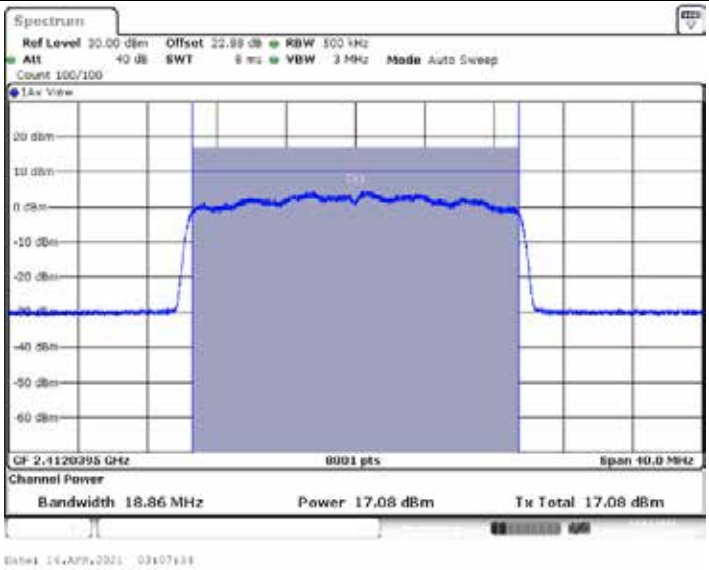

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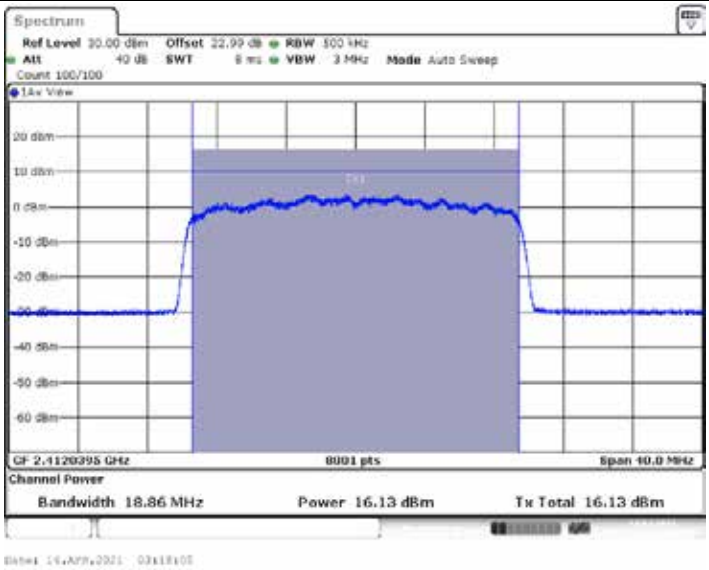

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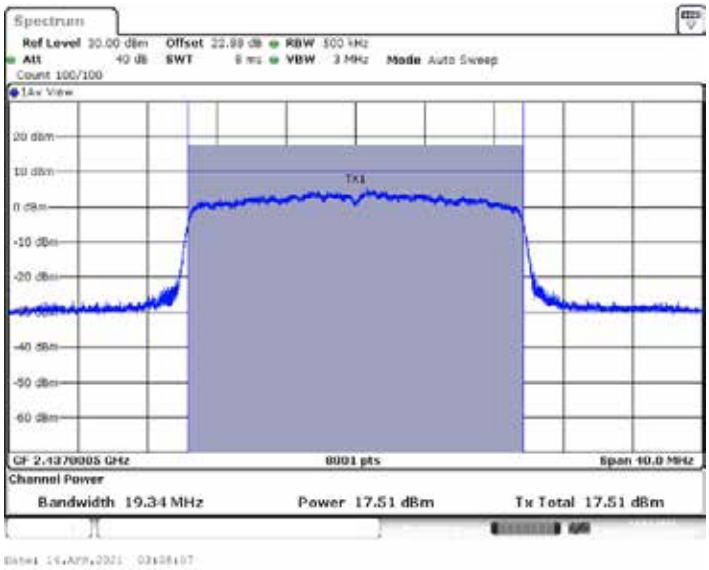

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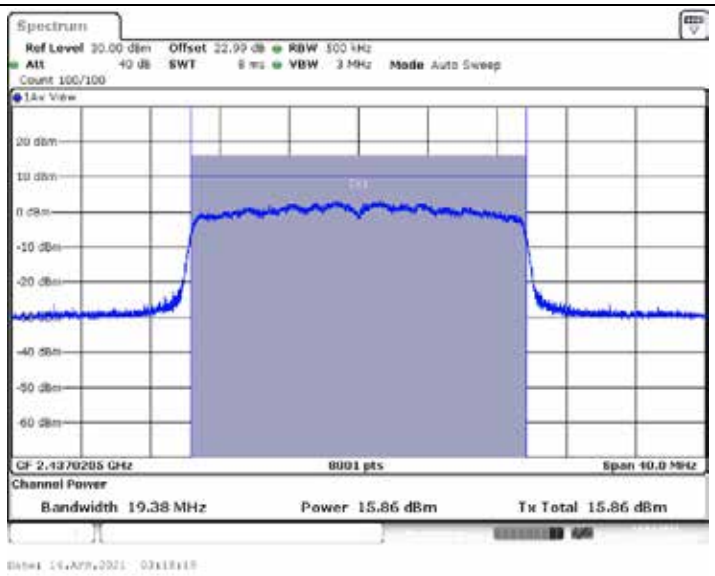

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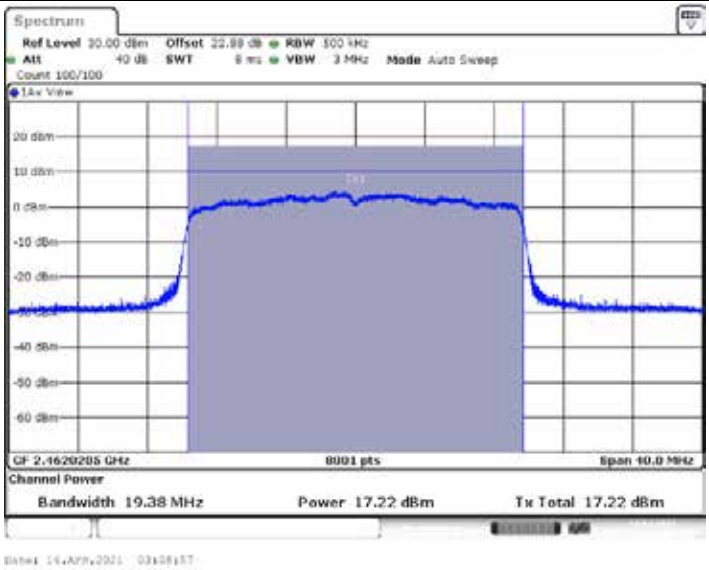

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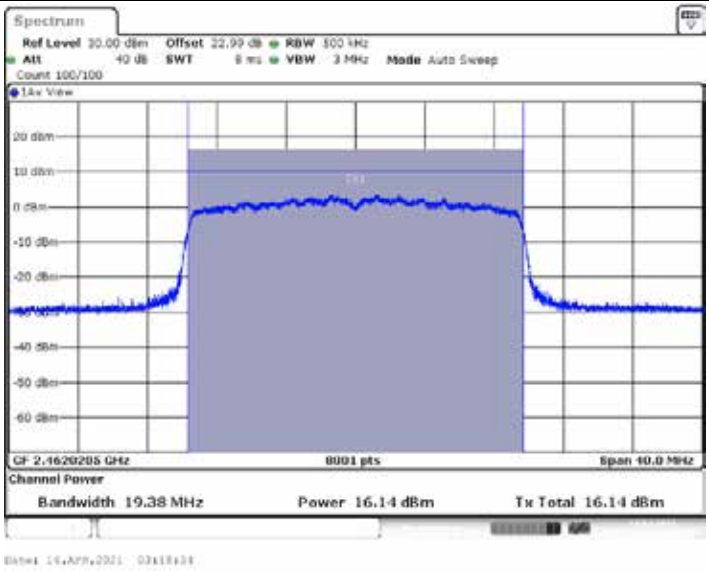

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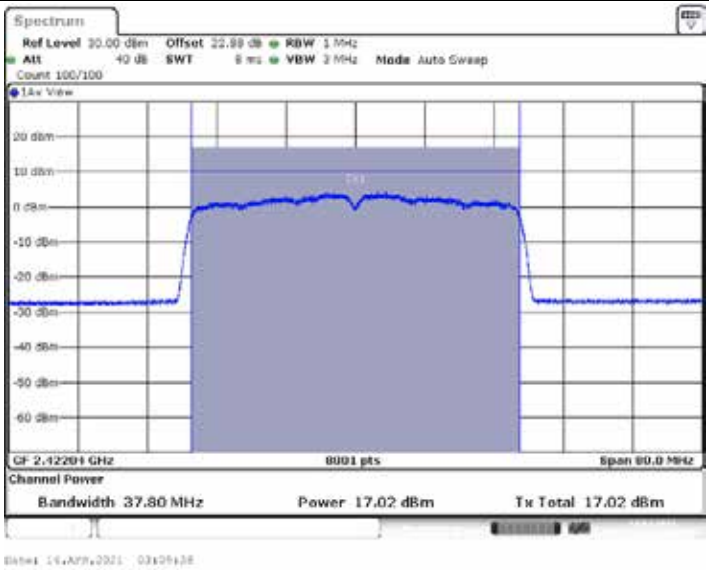

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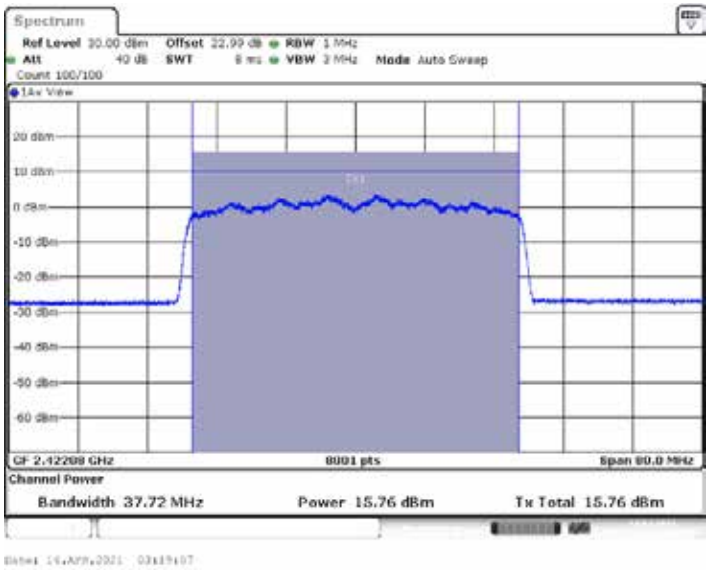

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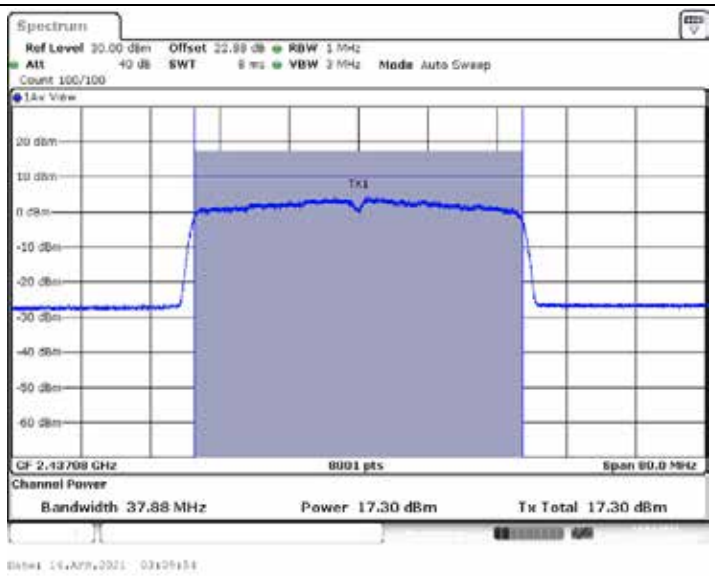

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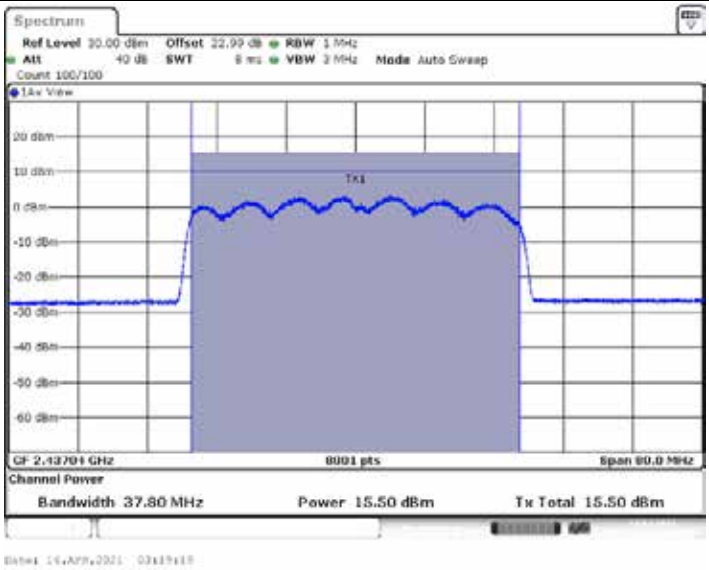

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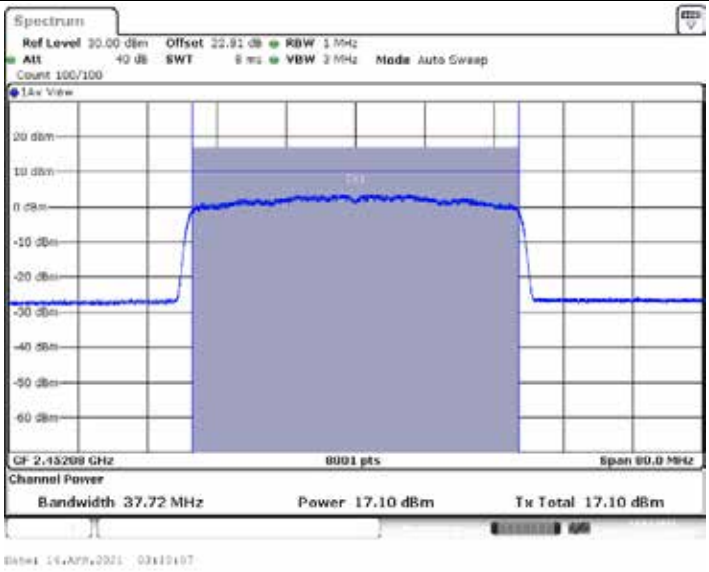

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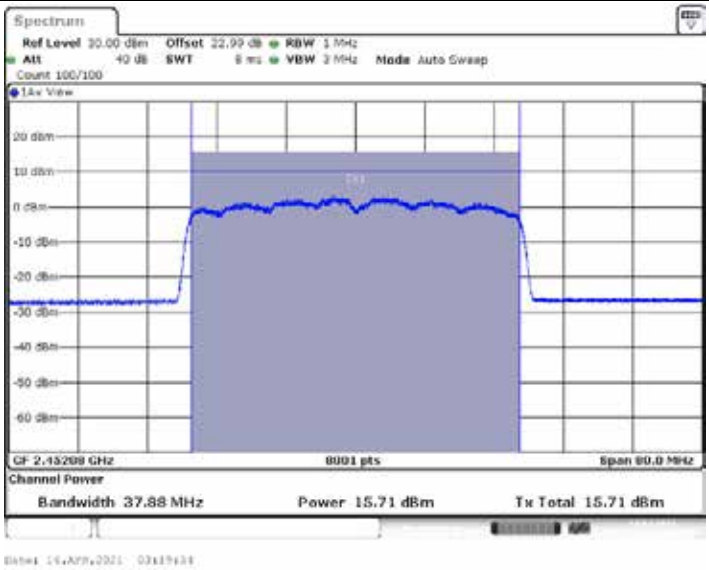

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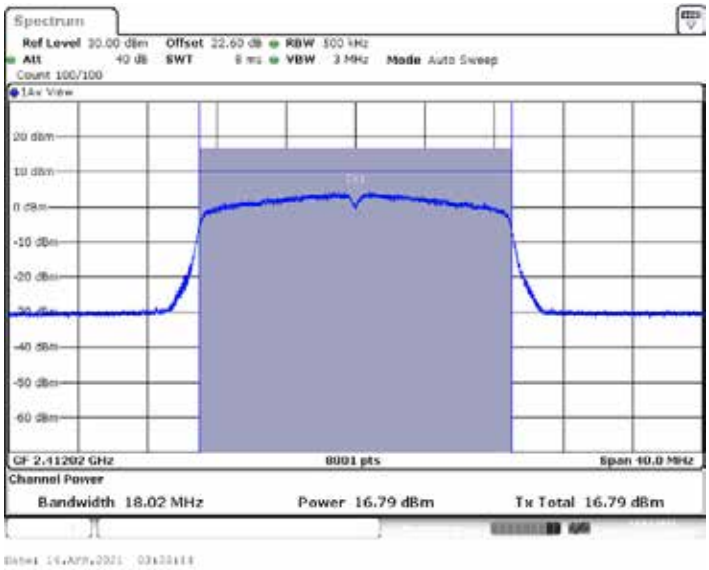

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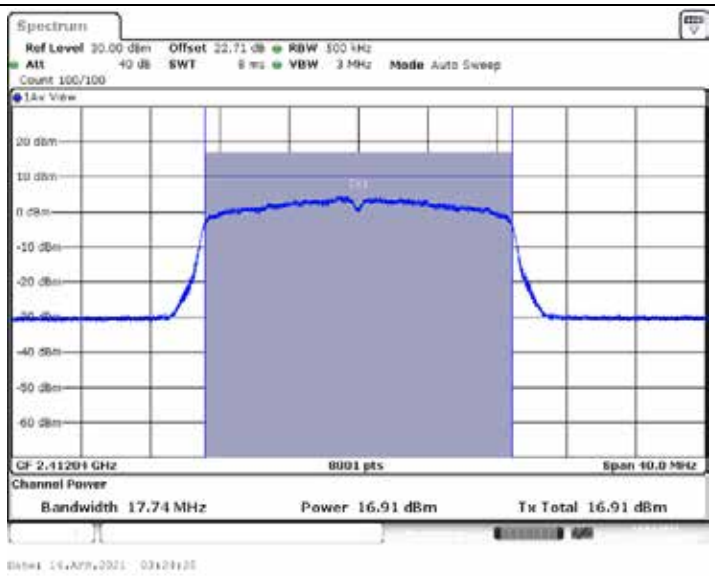

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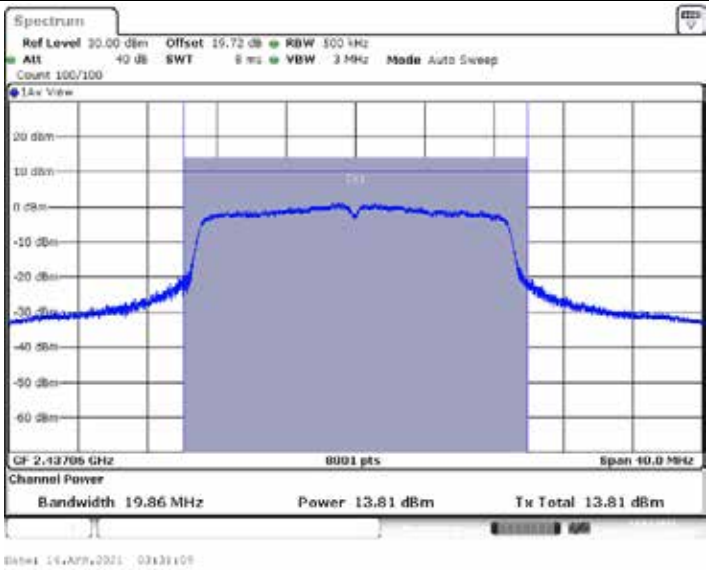

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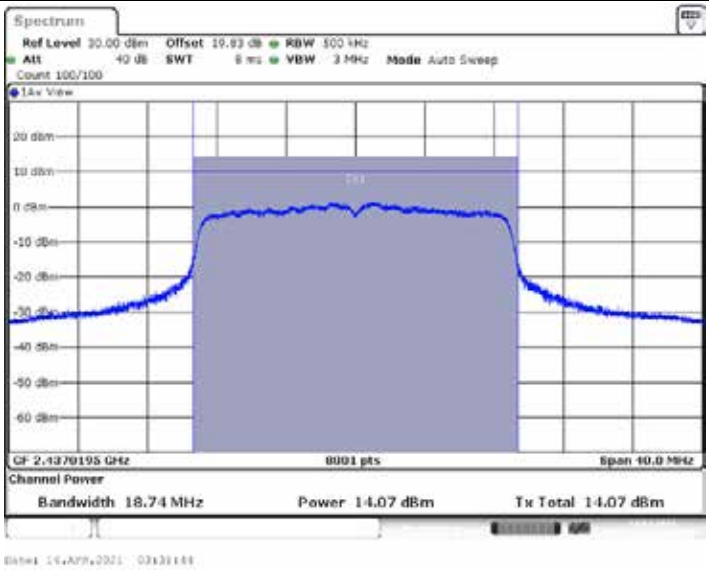

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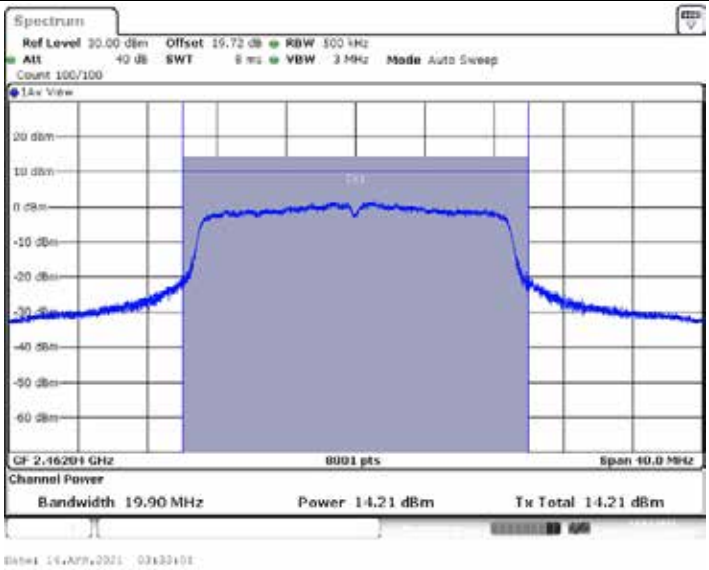

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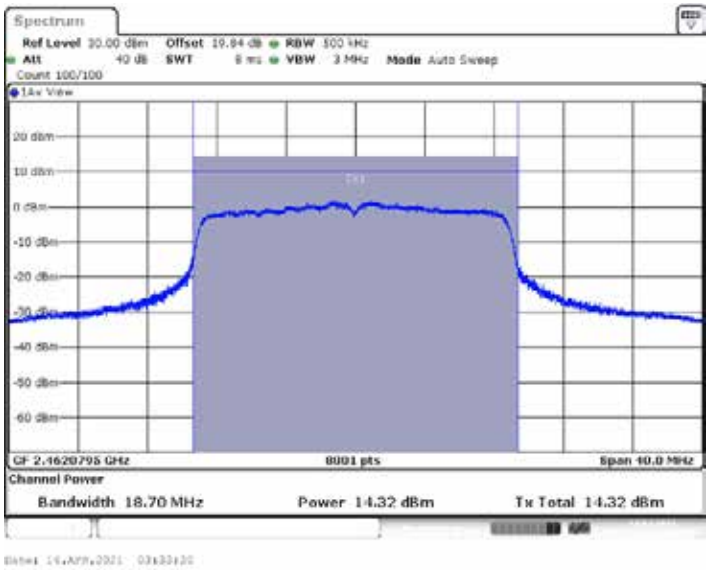

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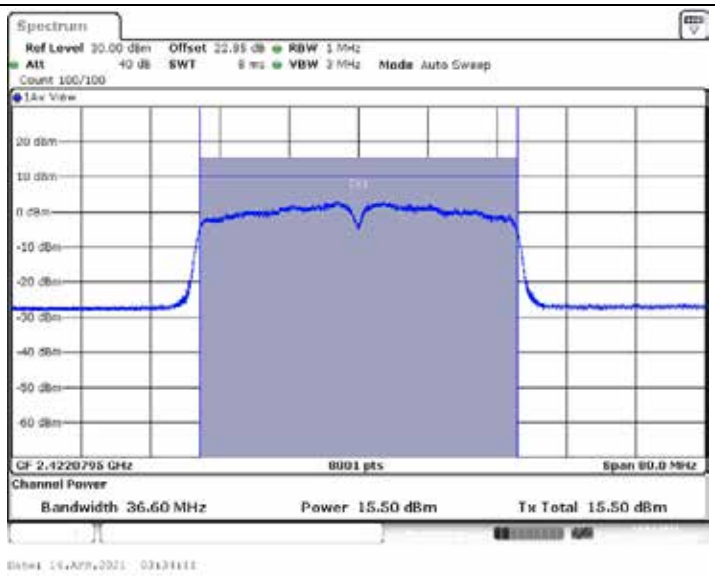

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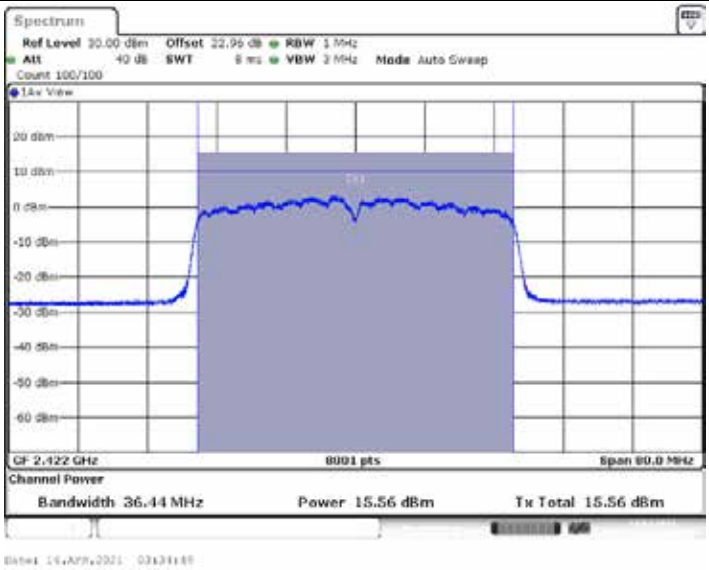

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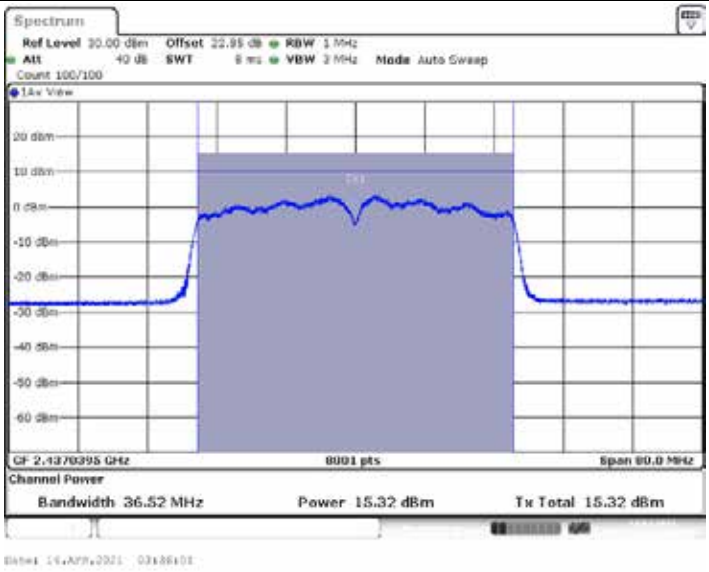

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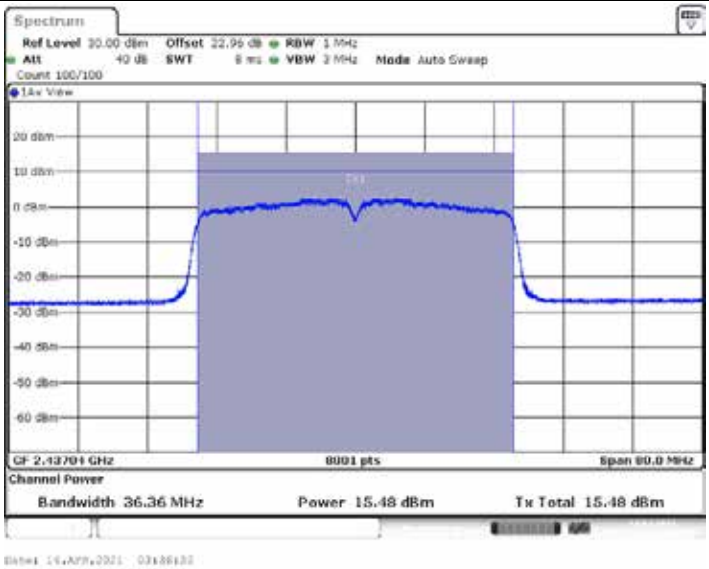

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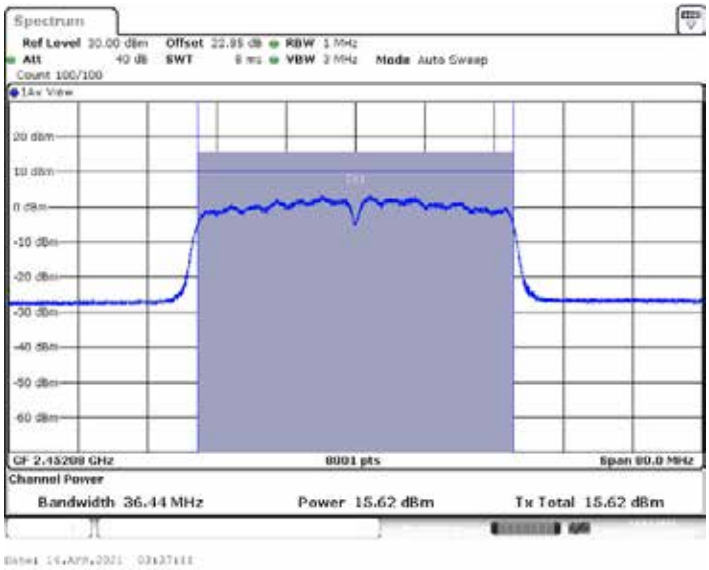

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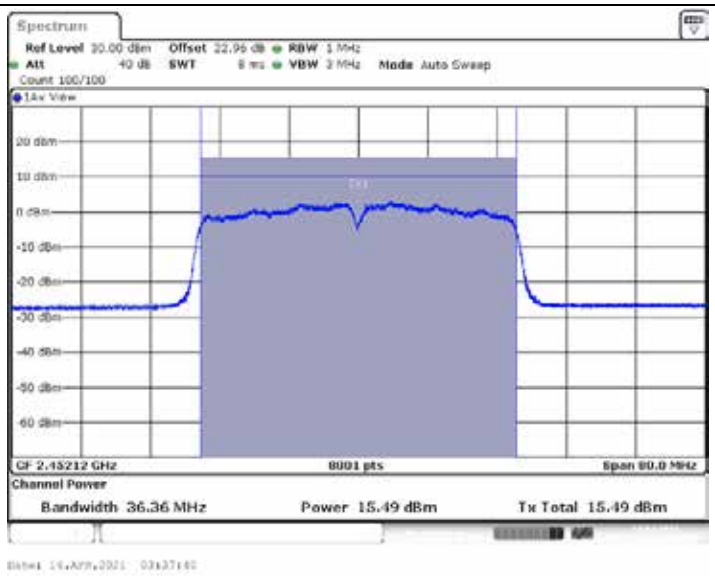

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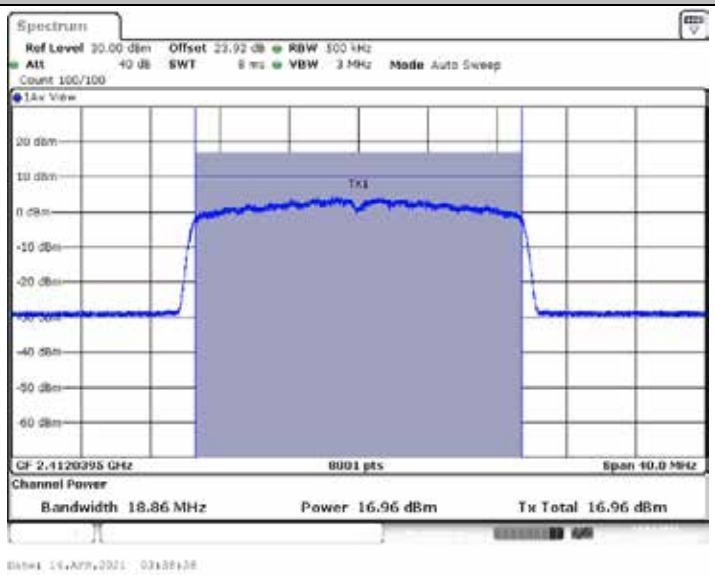

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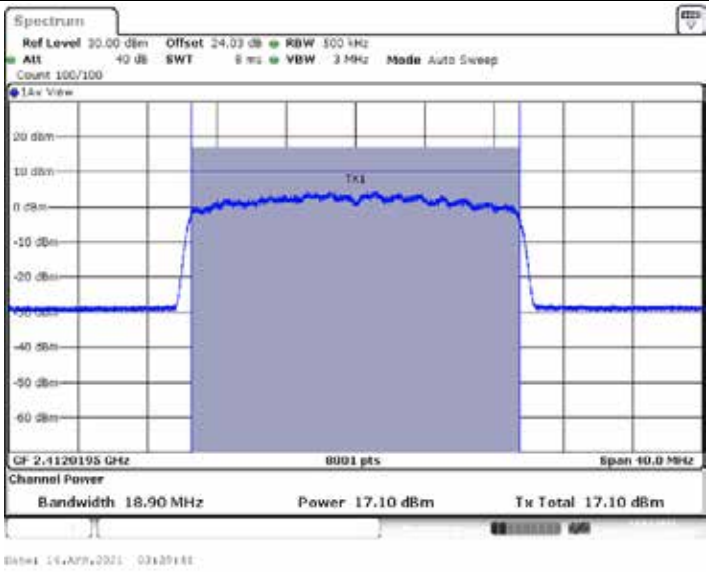

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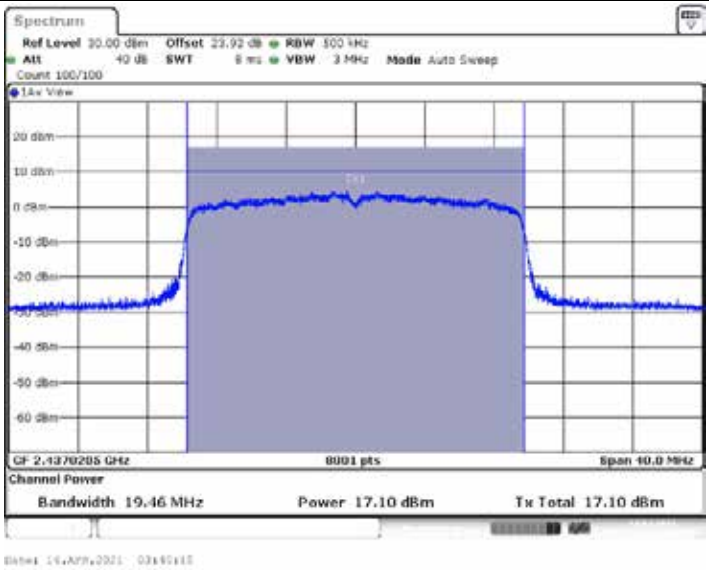
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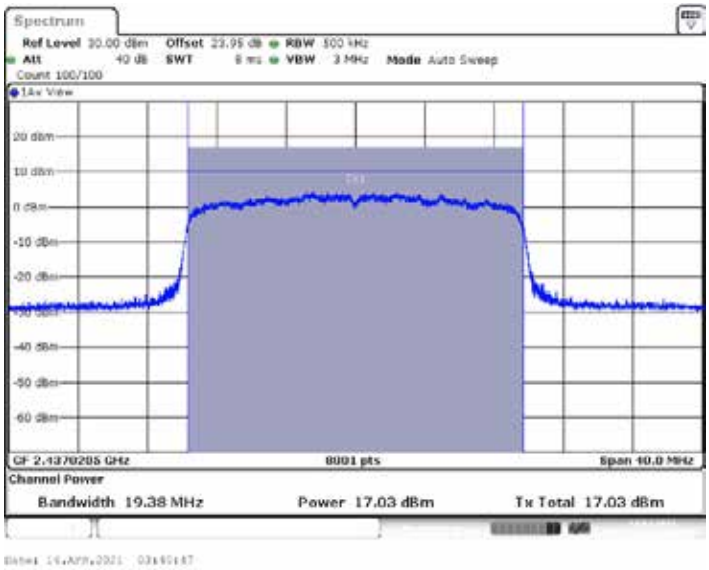
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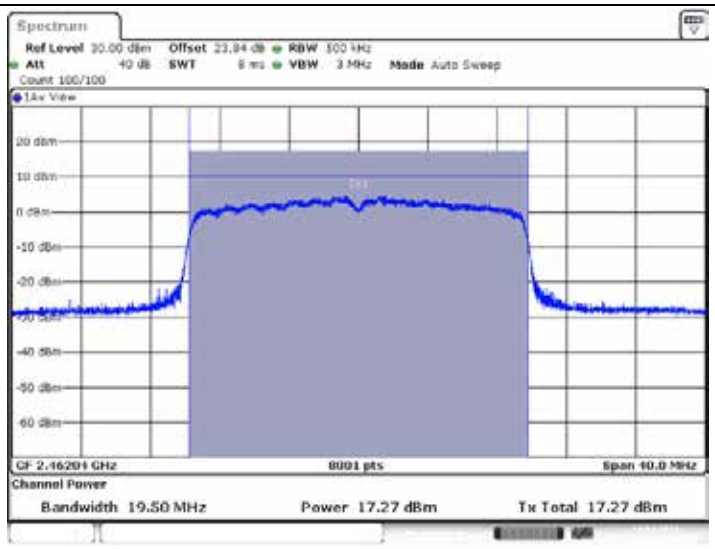

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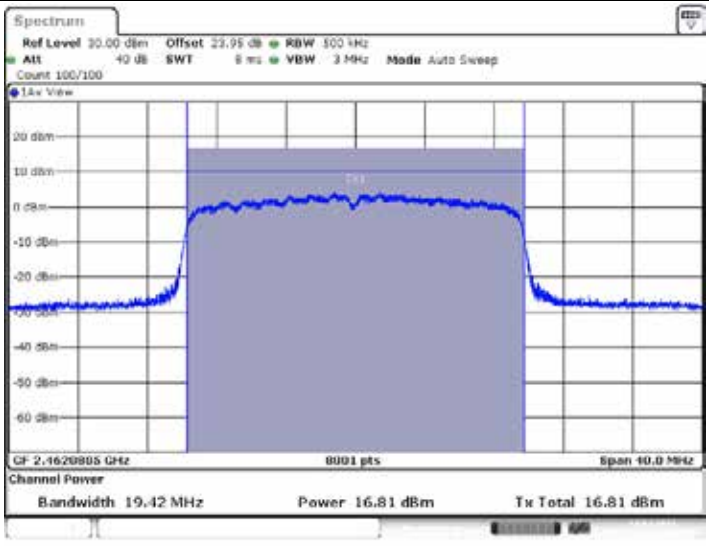

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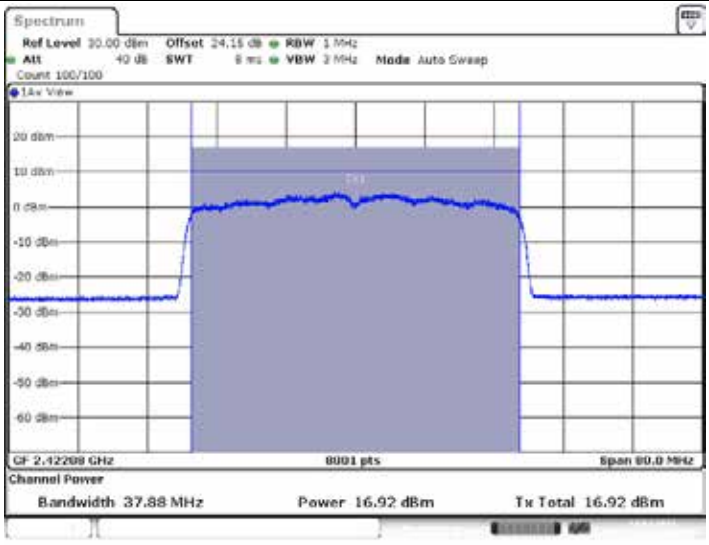

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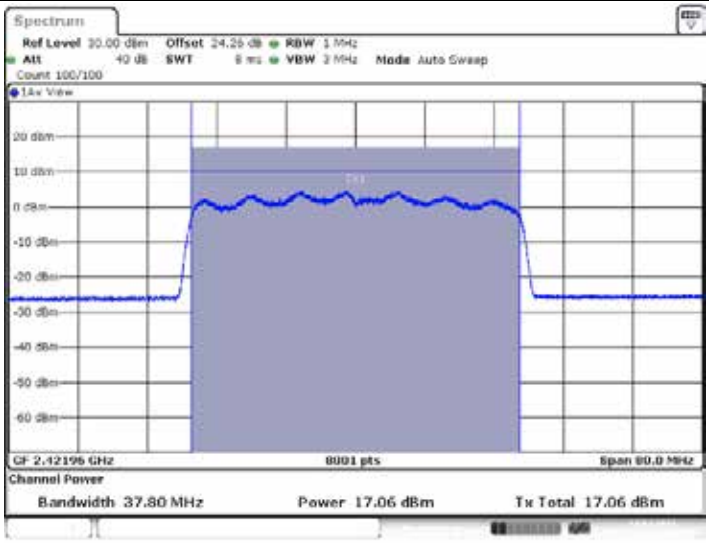
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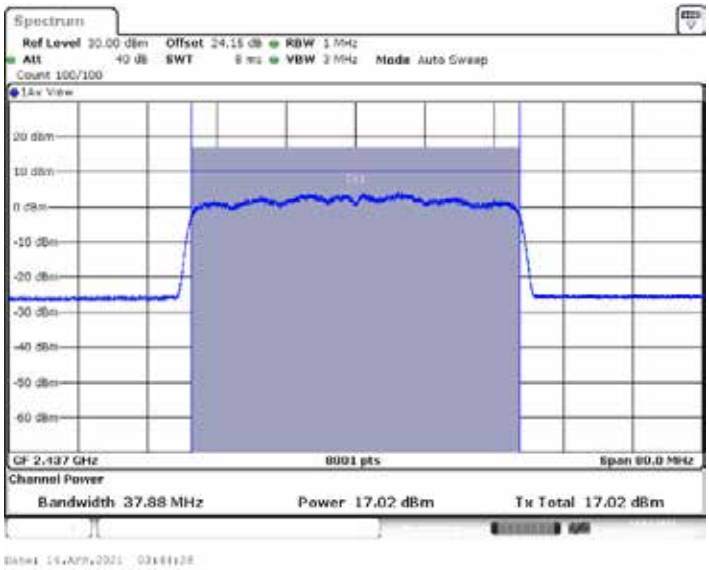
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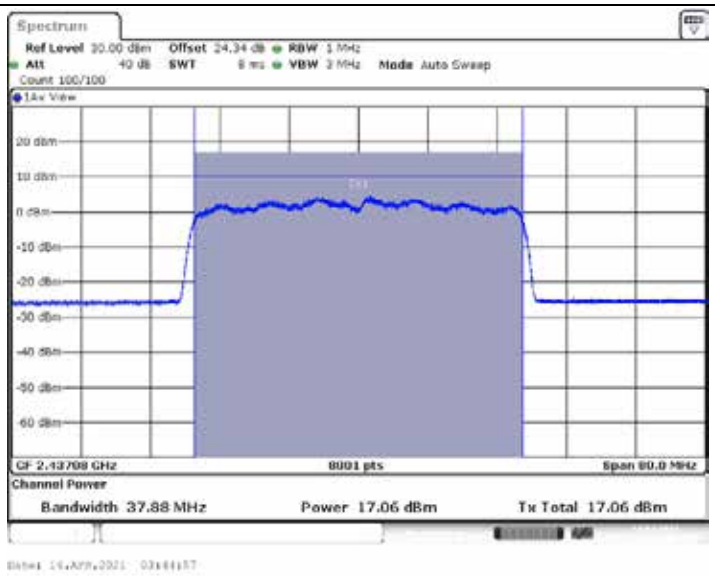

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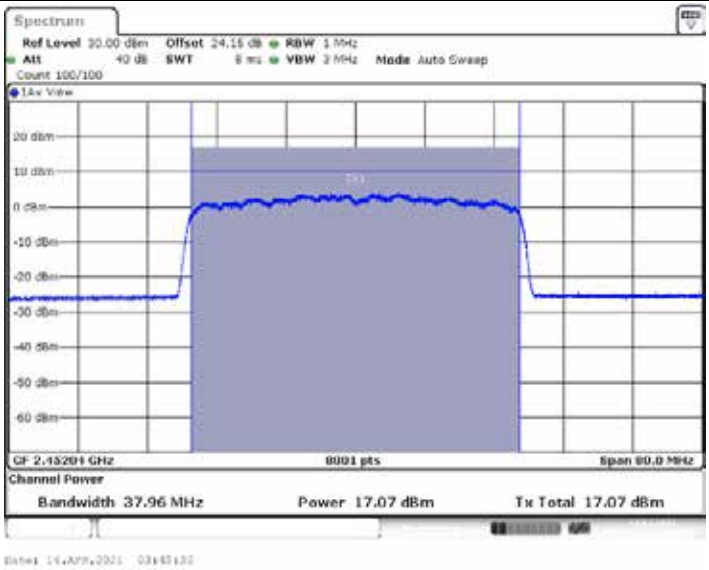

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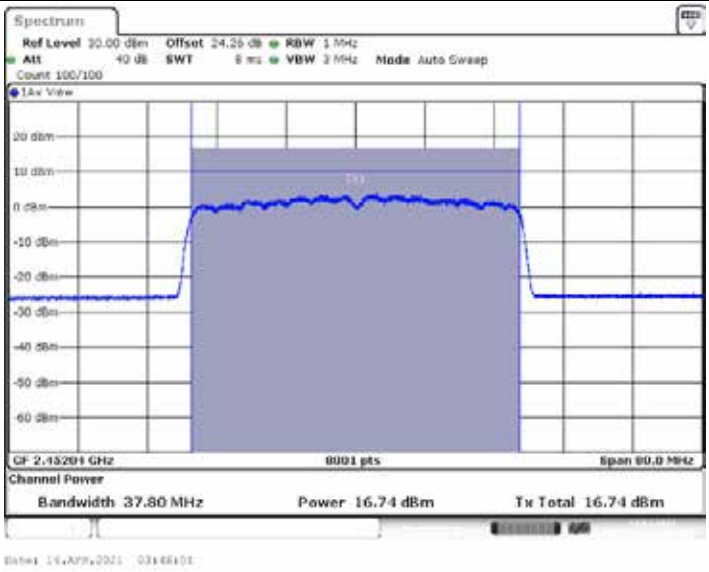

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.07	-14.30	<=8	PASS
	Ant2	2412	-9.44	-14.67	<=8	PASS
	Ant1	2437	-9.23	-14.46	<=8	PASS
	Ant2	2437	-9.52	-14.75	<=8	PASS
	Ant1	2462	-9.29	-14.52	<=8	PASS
	Ant2	2462	-9.53	-14.76	<=8	PASS
11G	Ant1	2412	-11.27	-16.50	<=8	PASS
	Ant2	2412	-11.24	-16.47	<=8	PASS
	Ant1	2437	-11.68	-16.91	<=8	PASS
	Ant2	2437	-11.98	-17.21	<=8	PASS
	Ant1	2462	-10.6	-15.83	<=8	PASS
	Ant2	2462	-11.32	-16.55	<=8	PASS
11N20SISO	Ant1	2412	-11.29	-16.52	<=8	PASS
	Ant2	2412	-10.67	-15.90	<=8	PASS
	Ant1	2437	-12.13	-17.36	<=8	PASS
	Ant2	2437	-11.25	-16.48	<=8	PASS
	Ant1	2462	-11.36	-16.59	<=8	PASS
	Ant2	2462	-11.08	-16.31	<=8	PASS
11N40SISO	Ant1	2422	-13.32	-18.55	<=8	PASS
	Ant2	2422	-13.25	-18.48	<=8	PASS
	Ant1	2437	-14.23	-19.46	<=8	PASS
	Ant2	2437	-13.86	-19.09	<=8	PASS
	Ant1	2452	-13.58	-18.81	<=8	PASS
	Ant2	2452	-13.69	-18.92	<=8	PASS
11AX20SISO	Ant1	2412	-9.91	-15.14	<=8	PASS
	Ant2	2412	-9.13	-14.36	<=8	PASS
	Ant1	2437	-8.9	-14.13	<=8	PASS
	Ant2	2437	-9.71	-14.94	<=8	PASS
	Ant1	2462	-9.86	-15.09	<=8	PASS
	Ant2	2462	-8.28	-13.51	<=8	PASS
11AX40SISO	Ant1	2422	-13.05	-18.28	<=8	PASS
	Ant2	2422	-12.29	-17.52	<=8	PASS
	Ant1	2437	-12.35	-17.58	<=8	PASS
	Ant2	2437	-12.27	-17.50	<=8	PASS
	Ant1	2452	-12.71	-17.94	<=8	PASS
	Ant2	2452	-11.23	-16.46	<=8	PASS
11N20MIMO	Ant1	2412	-9.26	-14.49	<=8	PASS

	Ant2	2412	-9.31	-14.54	<=8	PASS
	total	2412	-6.27	-11.50	<=8	PASS
	Ant1	2437	-9.37	-14.60	<=8	PASS
	Ant2	2437	-9.51	-14.74	<=8	PASS
	total	2437	-6.43	-11.66	<=8	PASS
	Ant1	2462	-9.22	-14.45	<=8	PASS
	Ant2	2462	-9.92	-15.15	<=8	PASS
	total	2462	-6.55	-11.78	<=8	PASS
11N40MIMO	Ant1	2422	-12.62	-17.85	<=8	PASS
	Ant2	2422	-12.01	-17.24	<=8	PASS
	total	2422	-9.29	-14.52	<=8	PASS
	Ant1	2437	-11.13	-16.36	<=8	PASS
	Ant2	2437	-12.04	-17.27	<=8	PASS
	total	2437	-8.55	-13.78	<=8	PASS
	Ant1	2452	-10.43	-15.66	<=8	PASS
	Ant2	2452	-11.76	-16.99	<=8	PASS
	total	2452	-8.03	-13.26	<=8	PASS
11AX20MIMO	Ant1	2412	-7.69	-12.92	<=8	PASS
	Ant2	2412	-10.09	-15.32	<=8	PASS
	total	2412	-5.72	-10.95	<=8	PASS
	Ant1	2437	-8.35	-13.58	<=8	PASS
	Ant2	2437	-9.36	-14.59	<=8	PASS
	total	2437	-5.82	-11.05	<=8	PASS
	Ant1	2462	-9.99	-15.22	<=8	PASS
	Ant2	2462	-10.06	-15.29	<=8	PASS
	total	2462	-7.01	-12.24	<=8	PASS
11AX40MIMO	Ant1	2422	-11.05	-16.28	<=8	PASS
	Ant2	2422	-11.65	-16.88	<=8	PASS
	total	2422	-8.33	-13.56	<=8	PASS
	Ant1	2437	-11.5	-16.73	<=8	PASS
	Ant2	2437	-10.74	-15.97	<=8	PASS
	total	2437	-8.09	-13.32	<=8	PASS
	Ant1	2452	-11.02	-16.25	<=8	PASS
	Ant2	2452	-8.94	-14.17	<=8	PASS
	total	2452	-6.85	-12.08	<=8	PASS

Test Graphs

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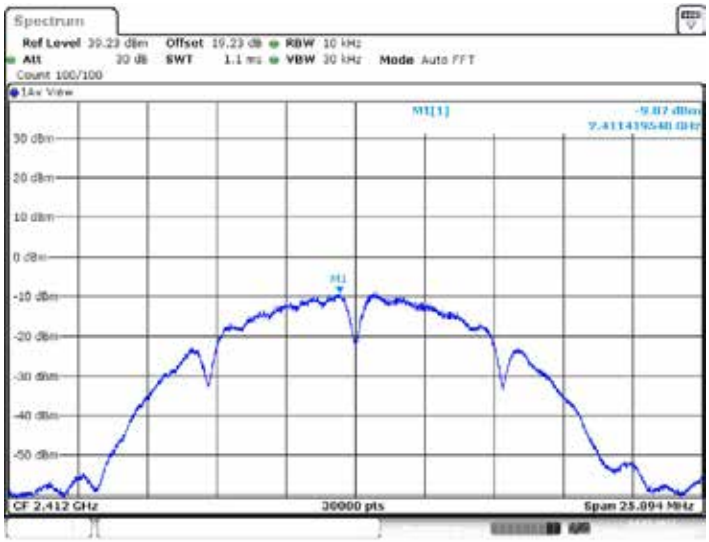
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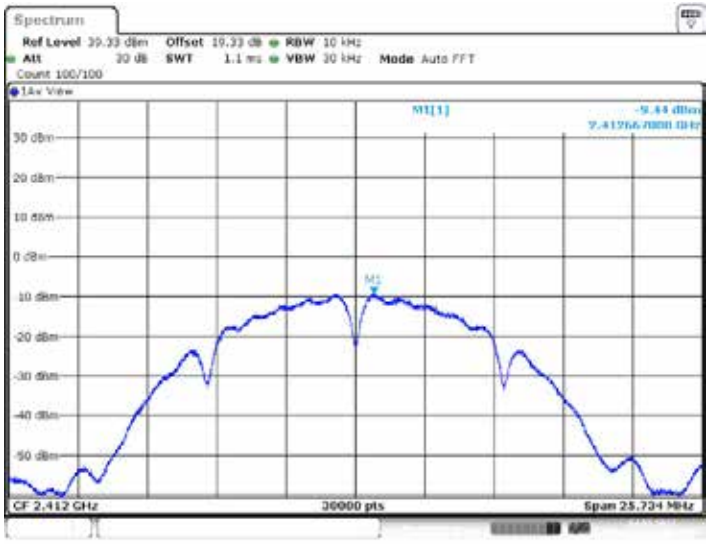
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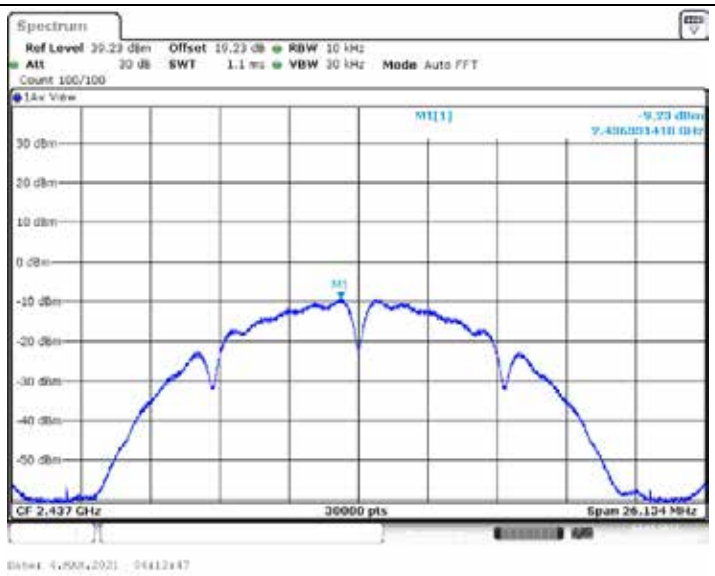

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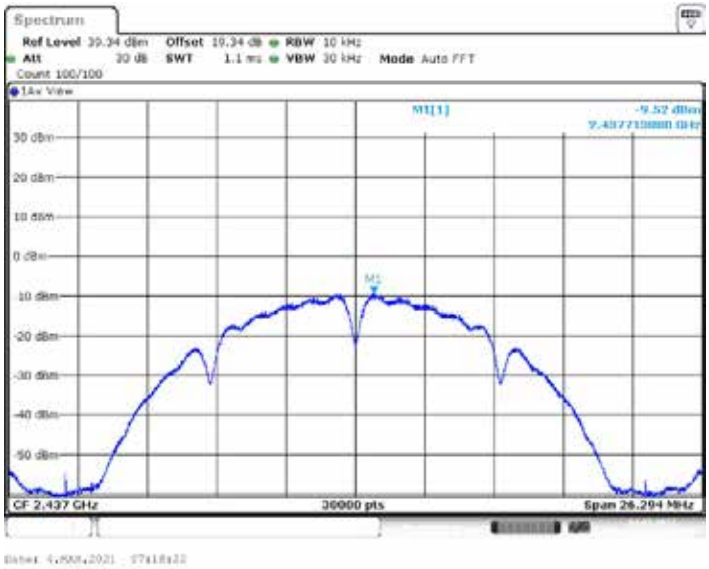

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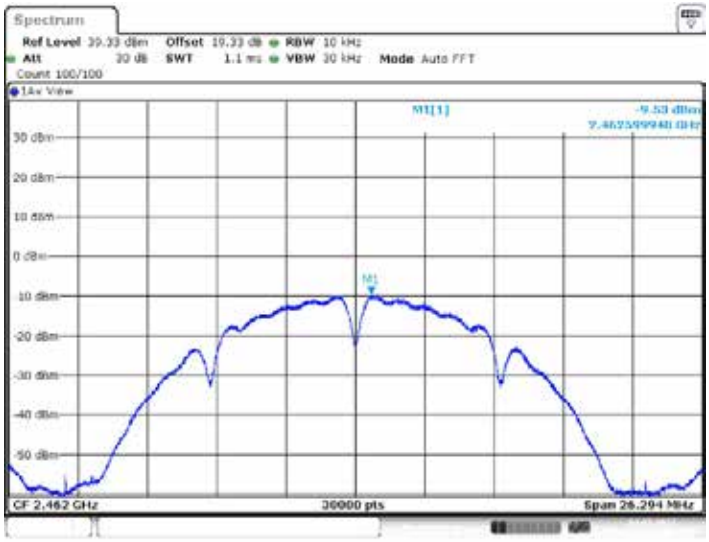
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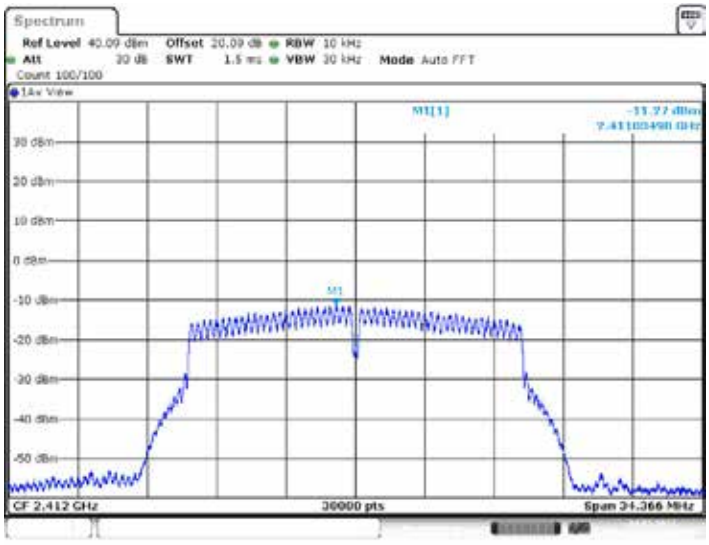
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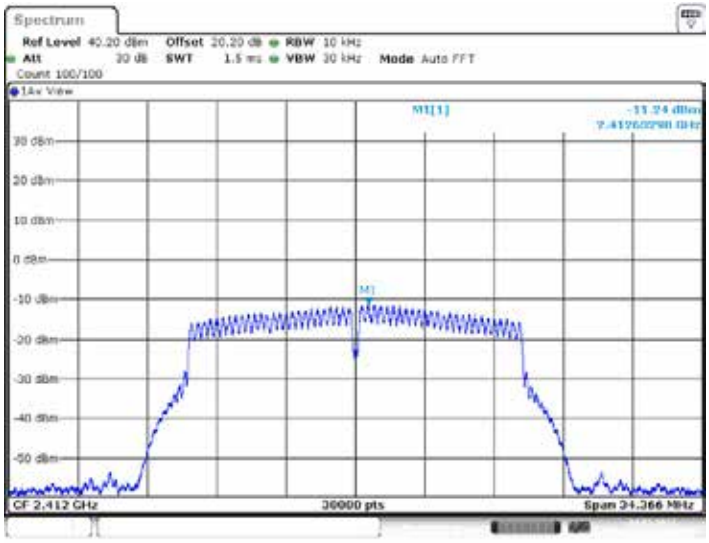

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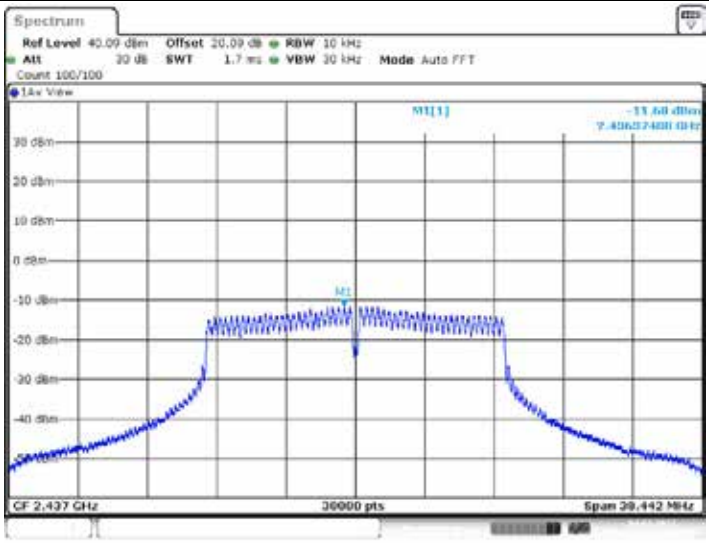

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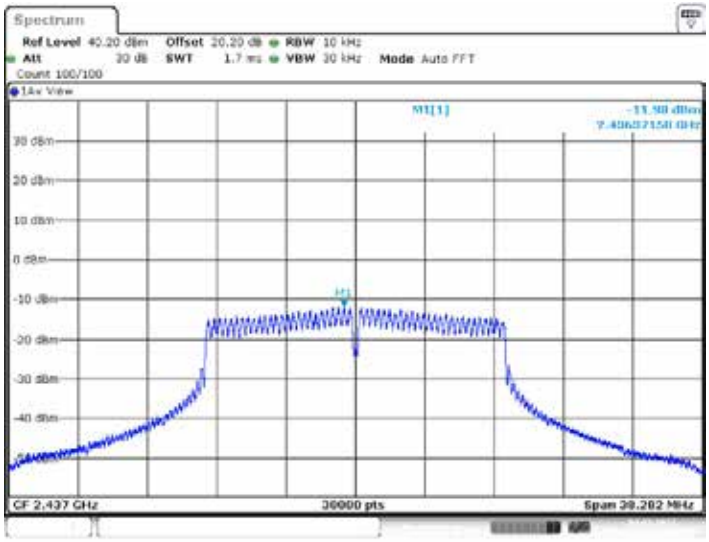

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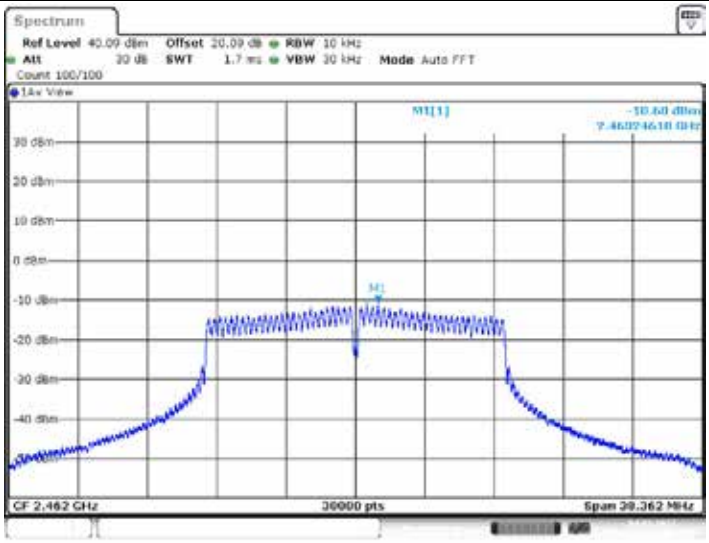
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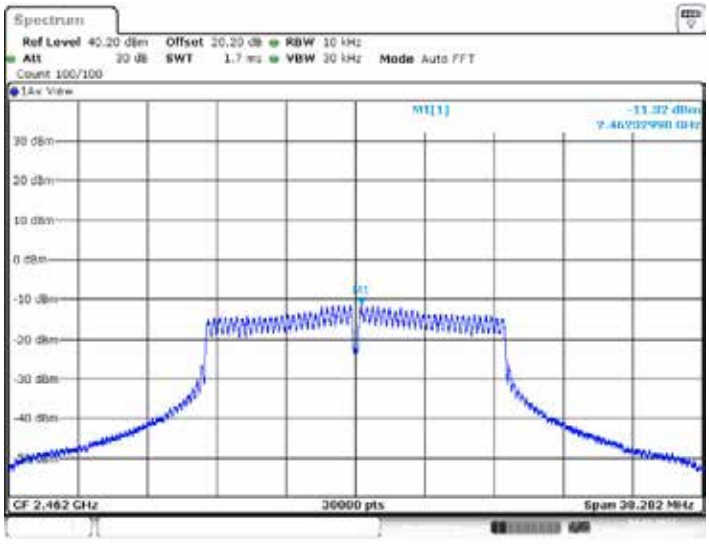
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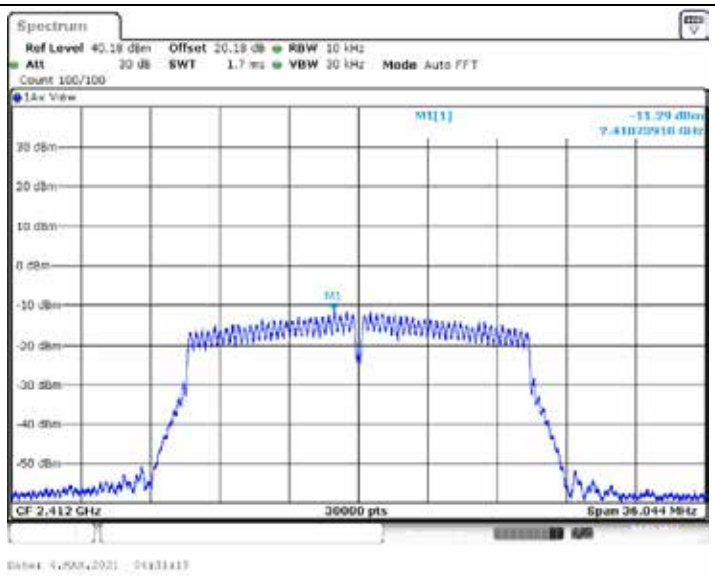

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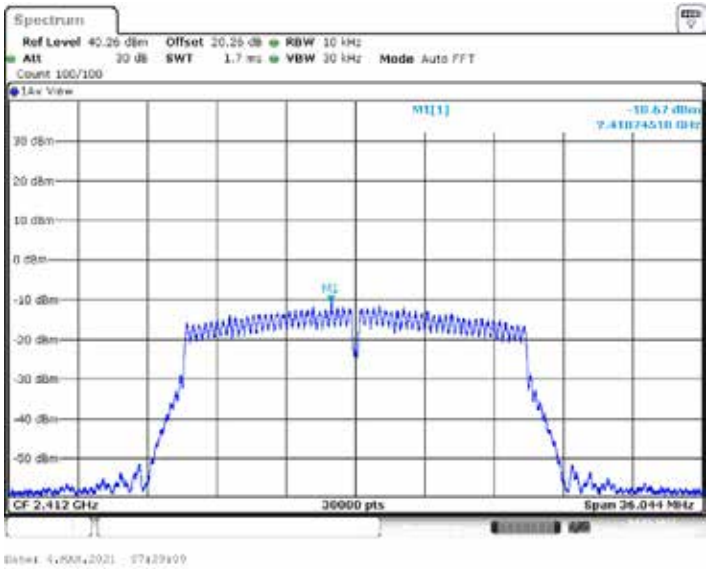

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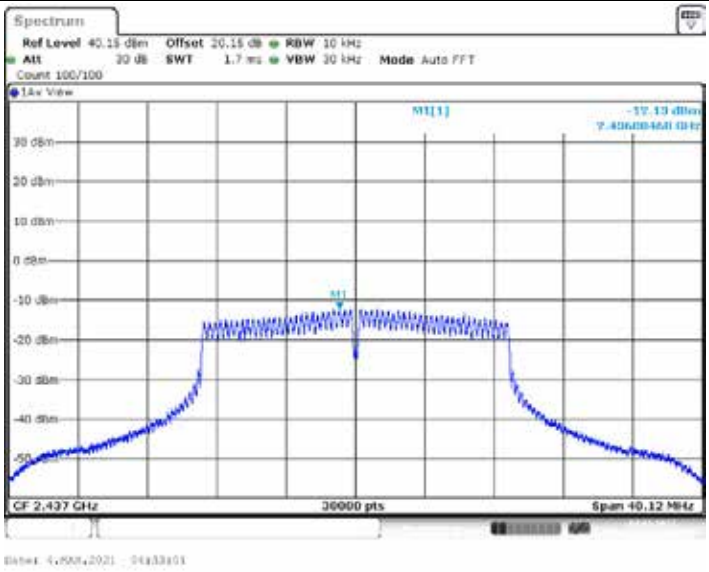

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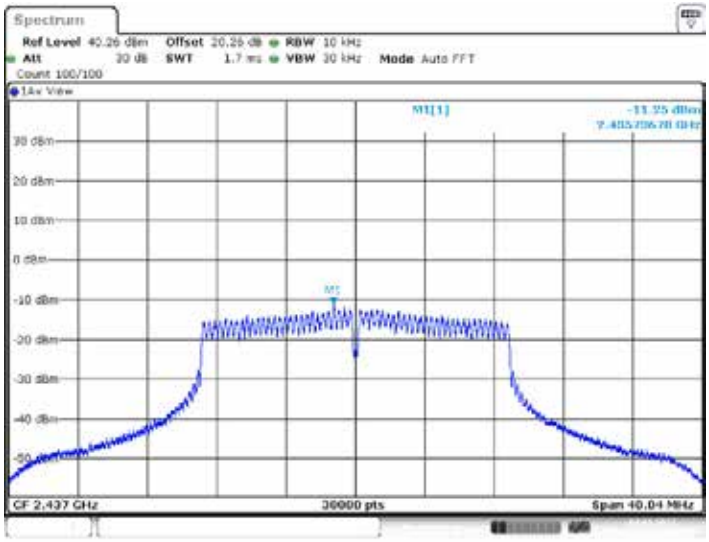

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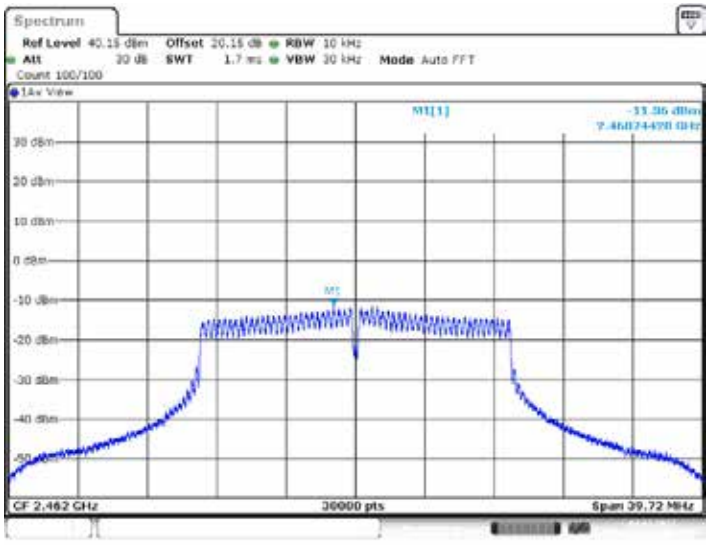

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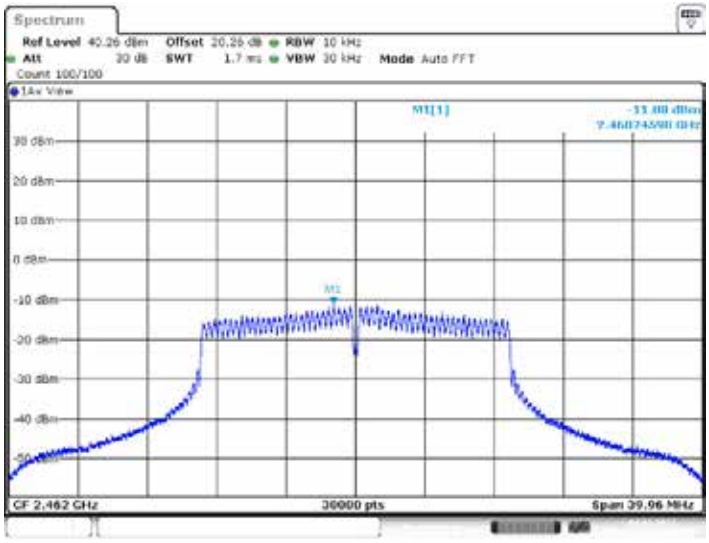

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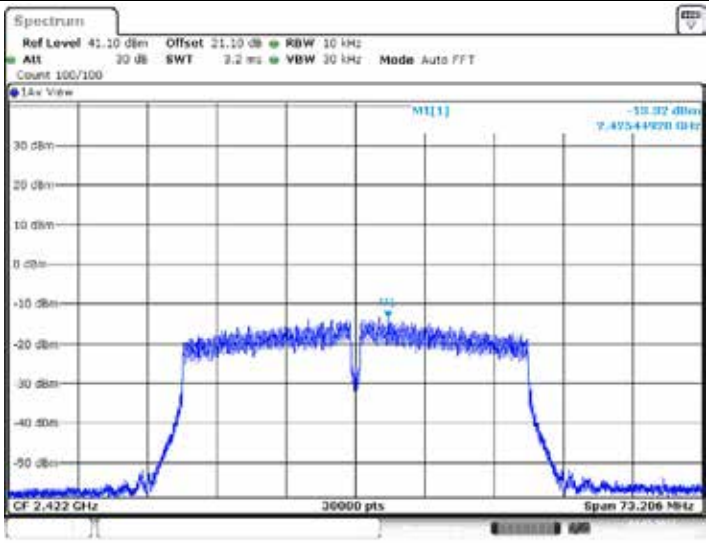

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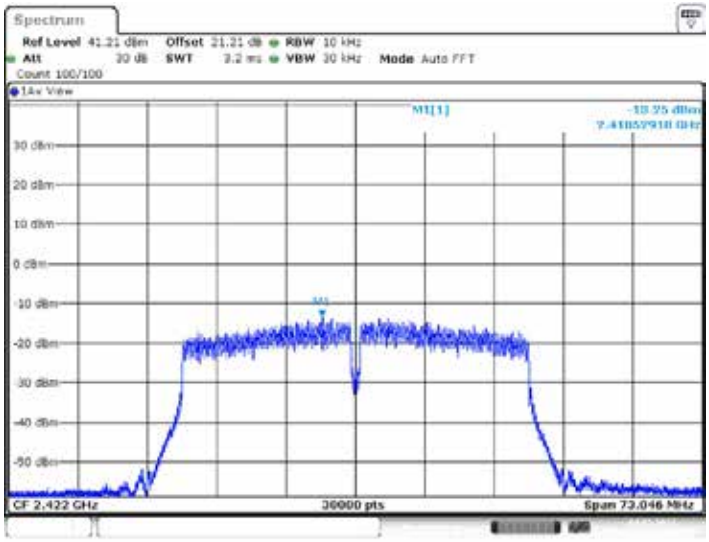

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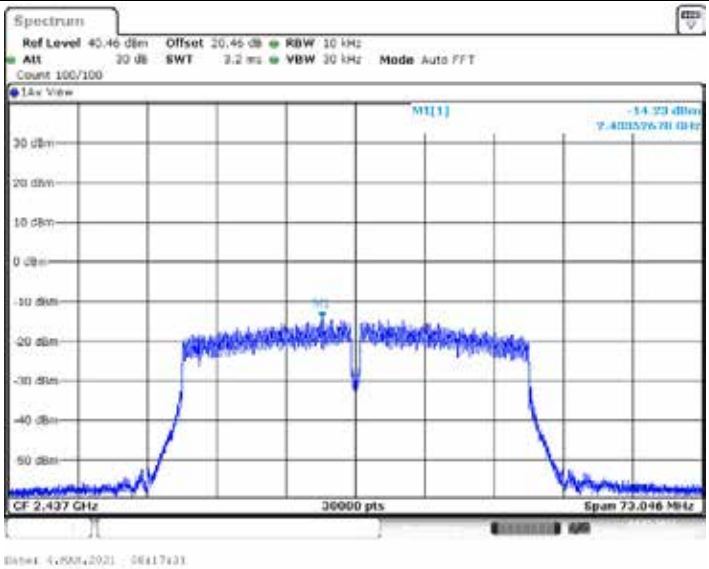

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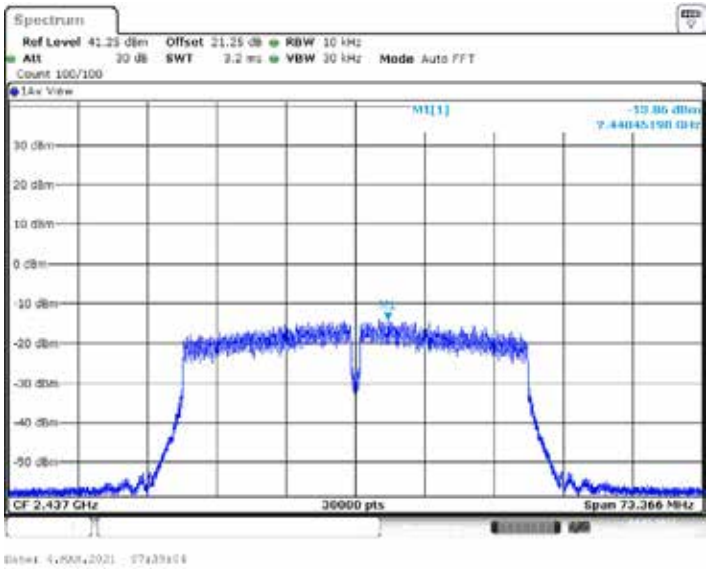

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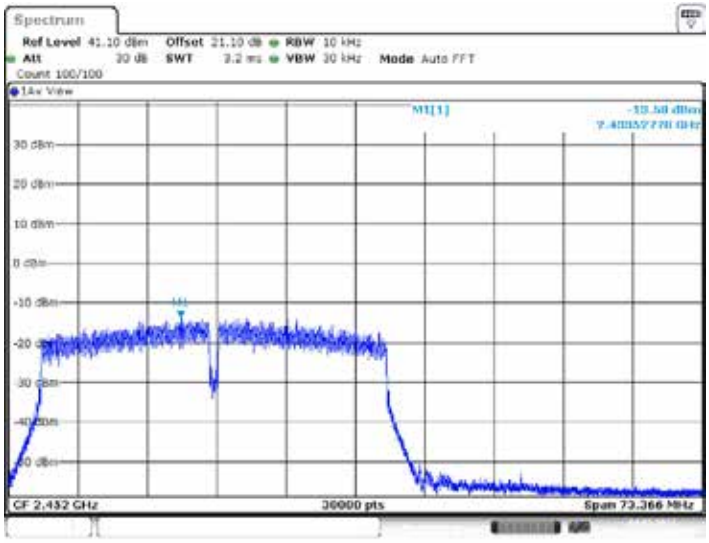

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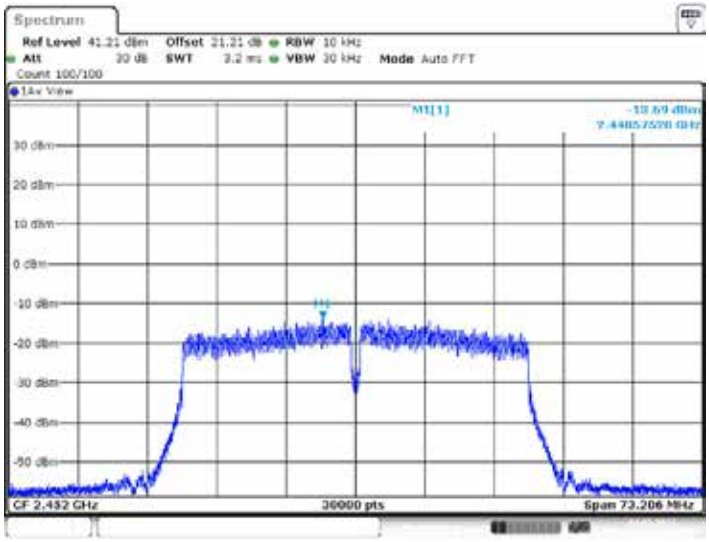

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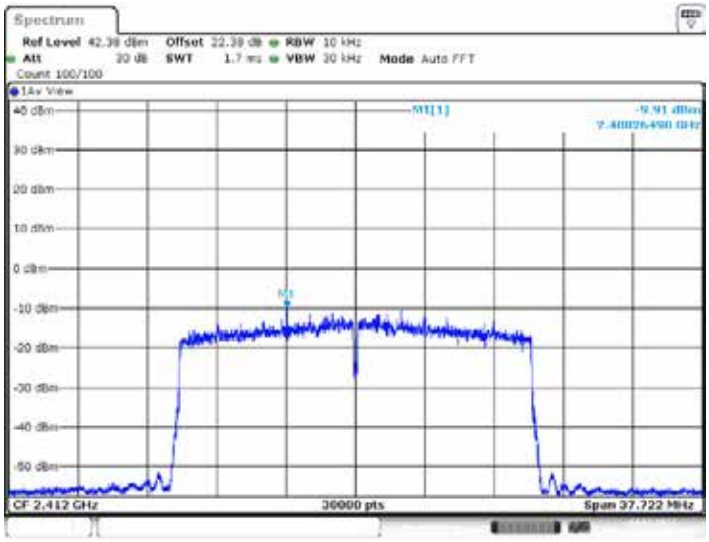

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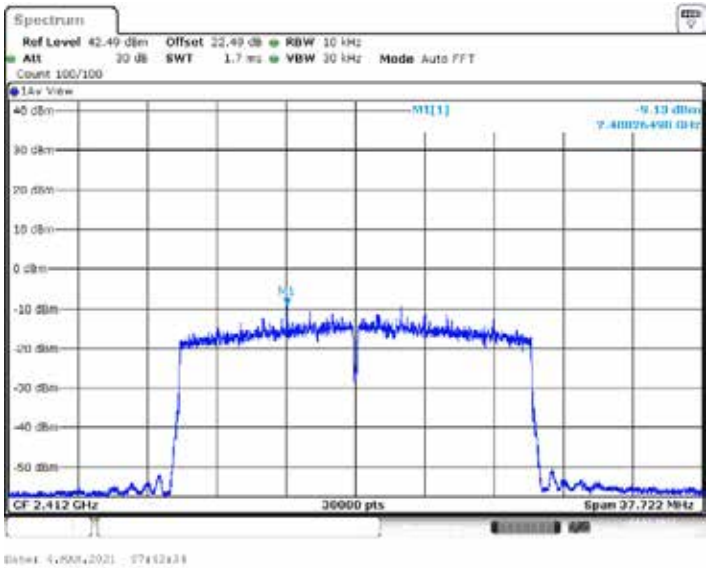
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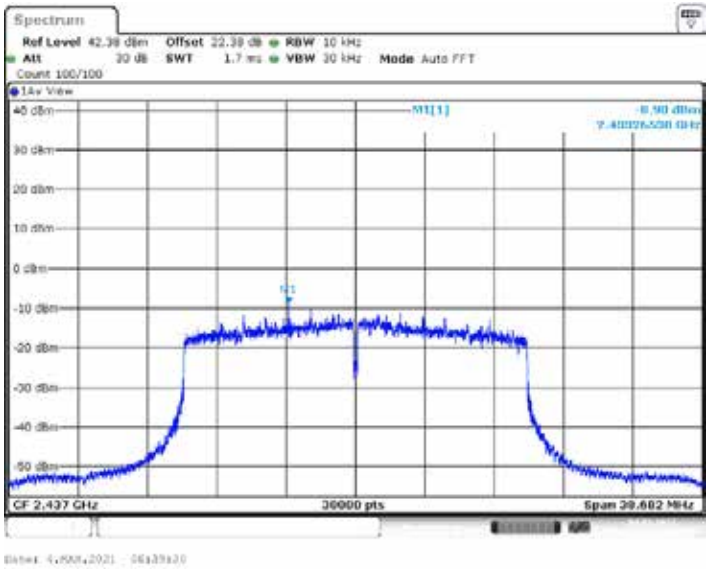
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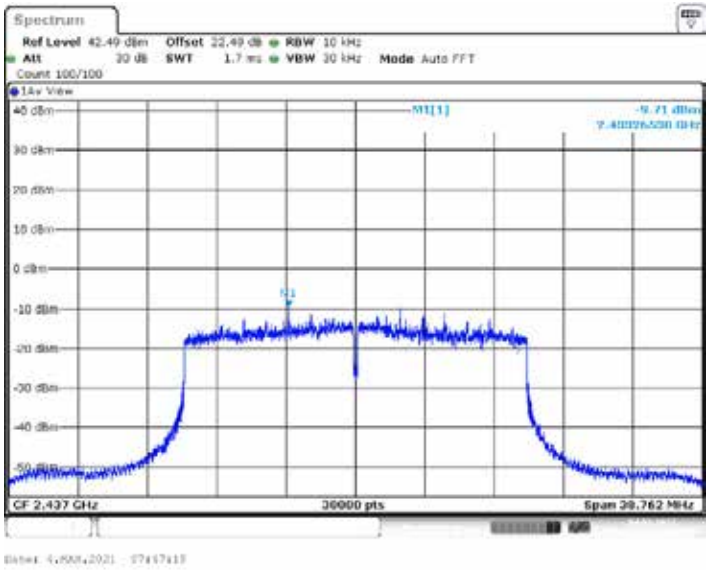

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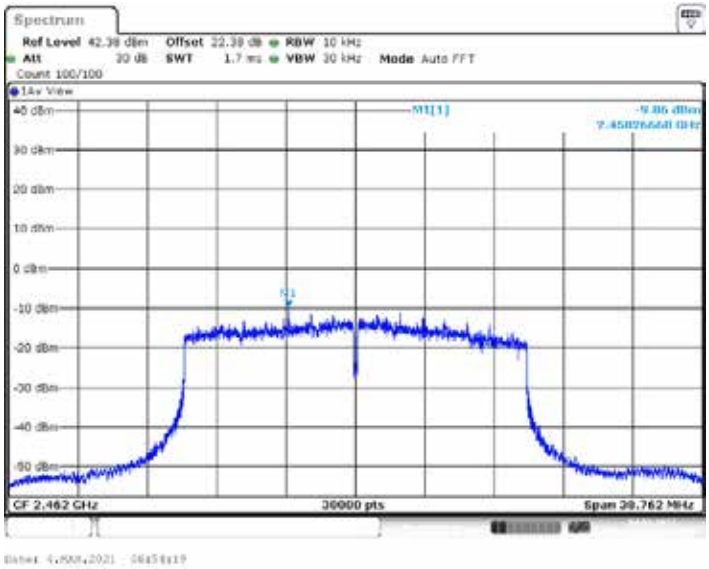

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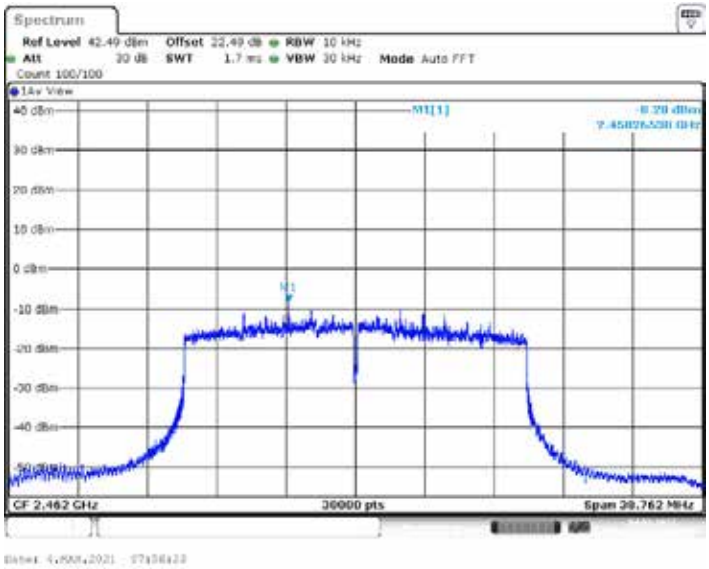

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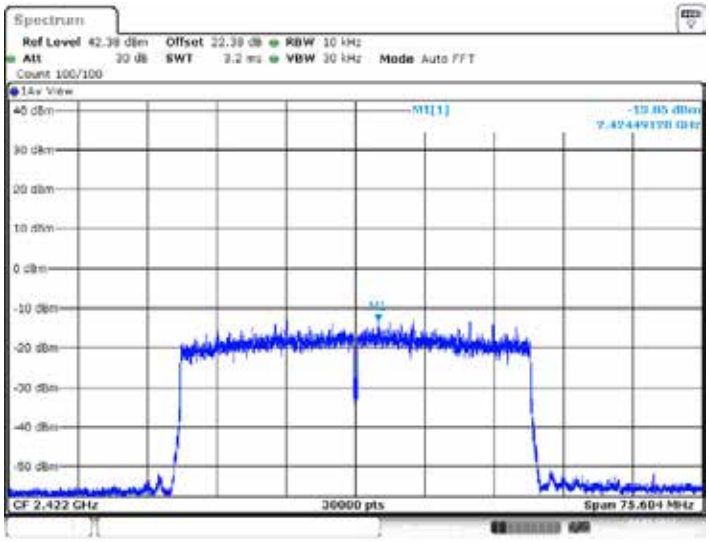
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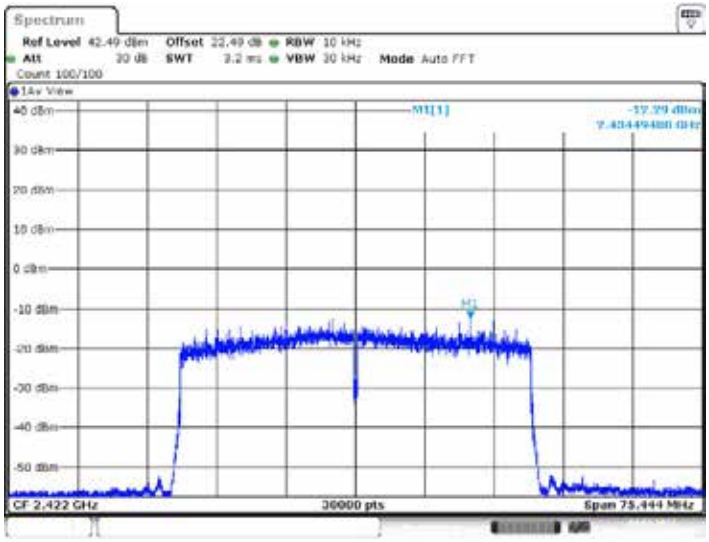
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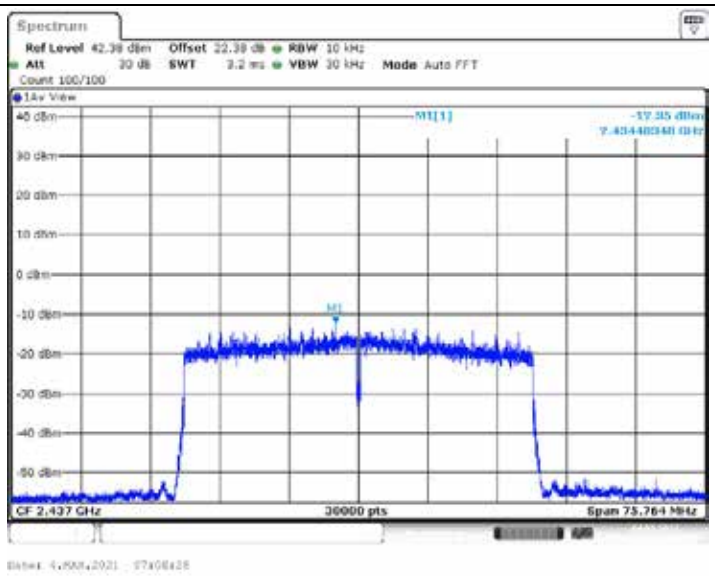

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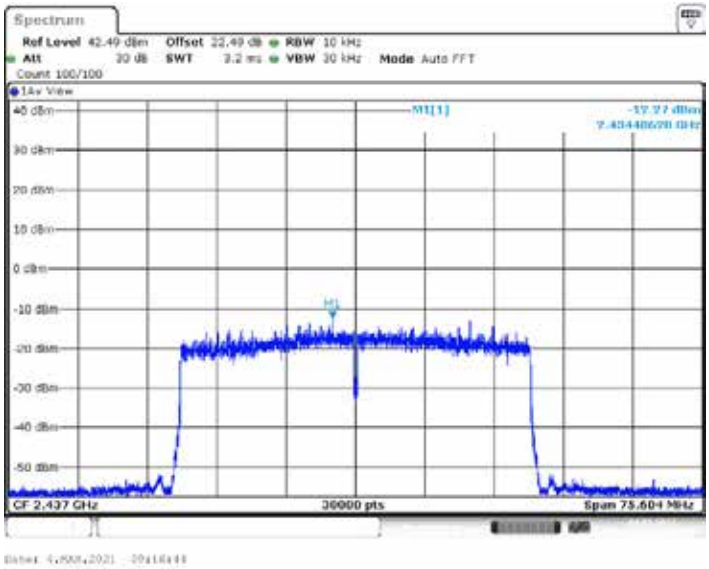

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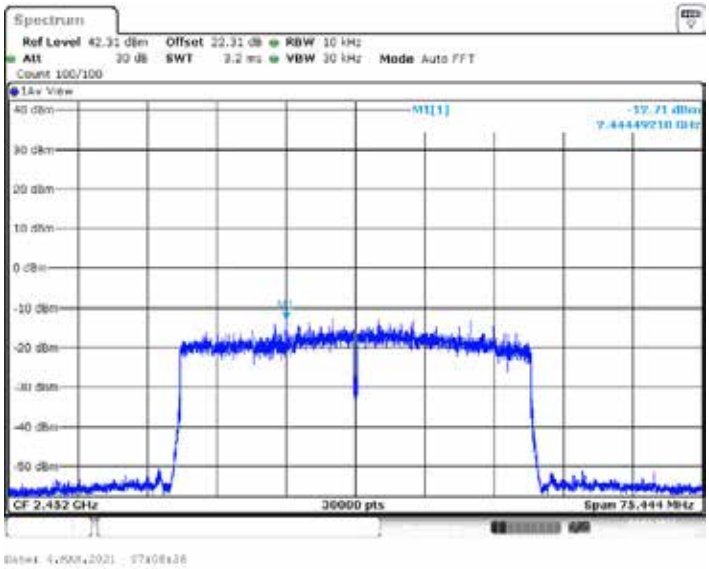

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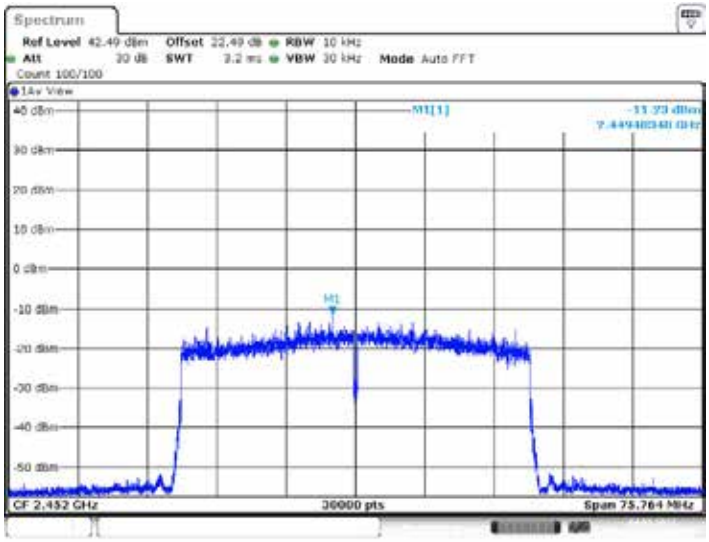
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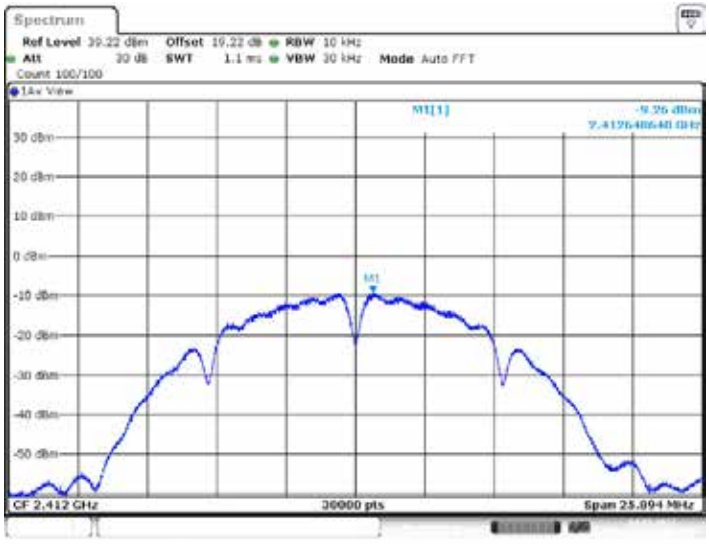
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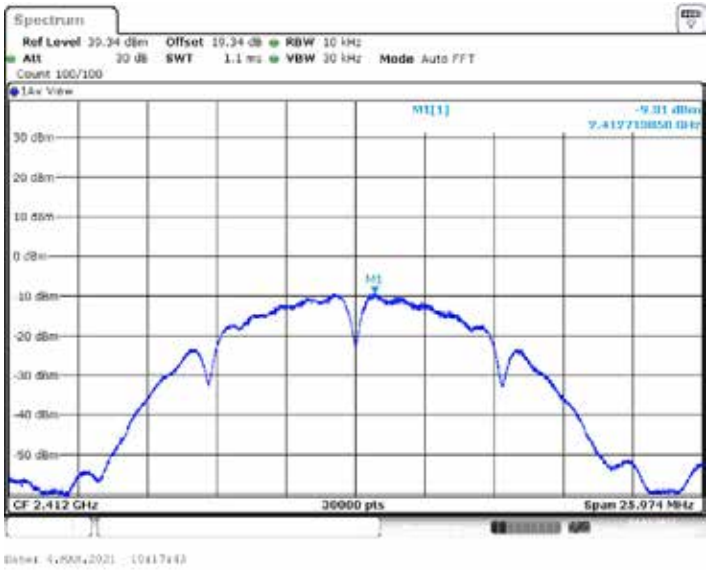

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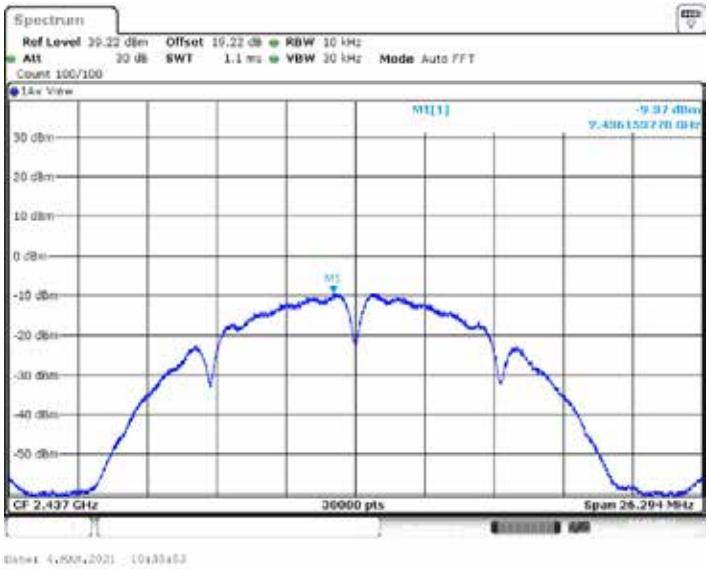

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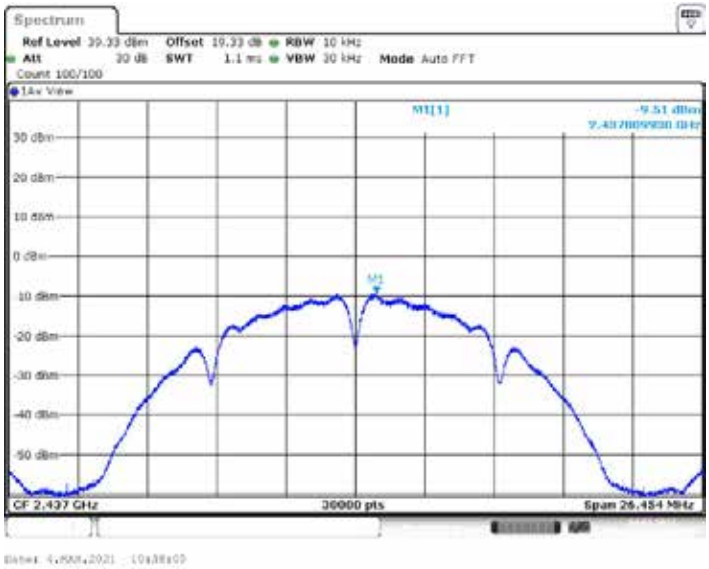

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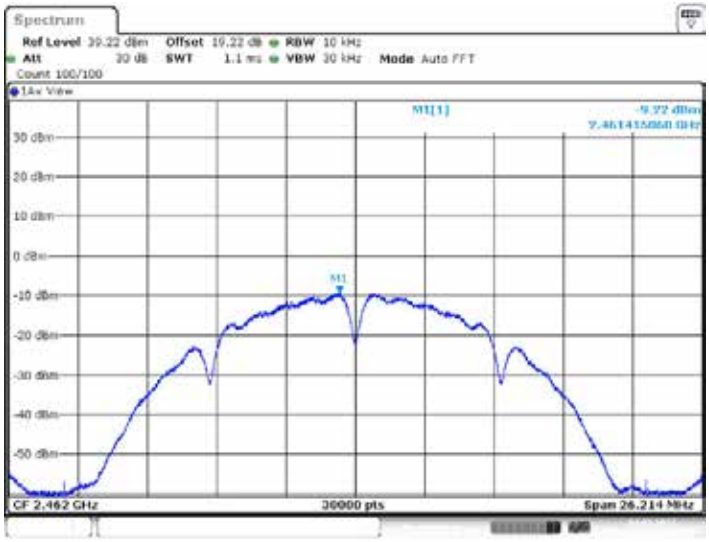
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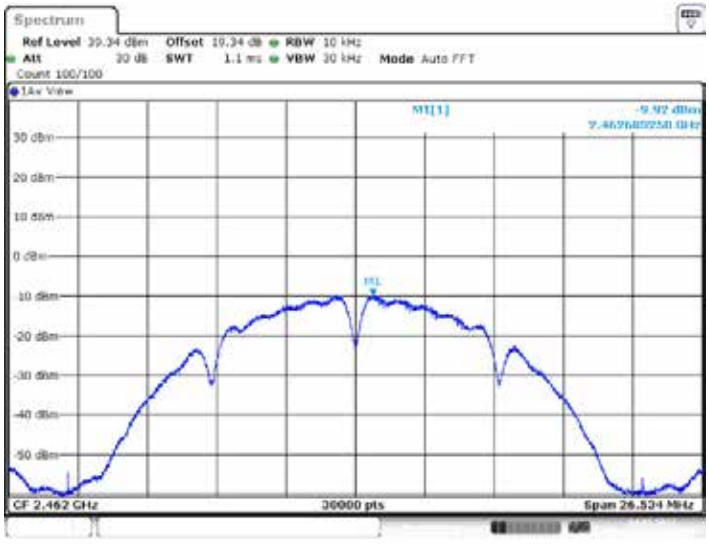
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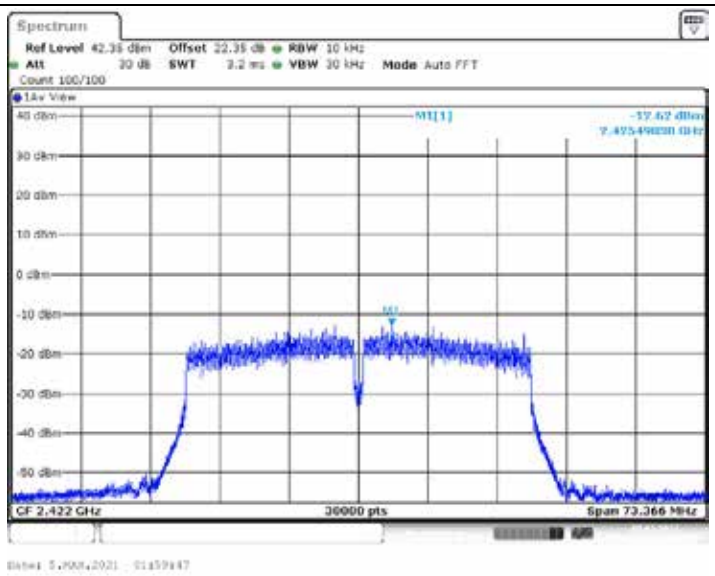

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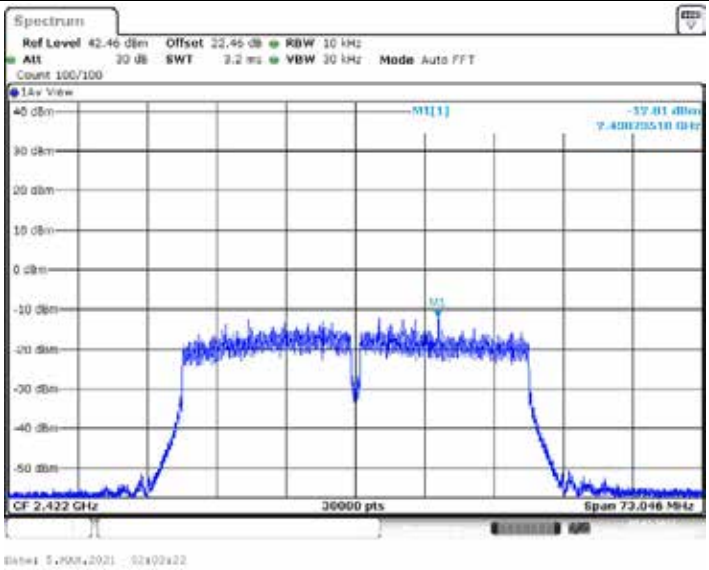

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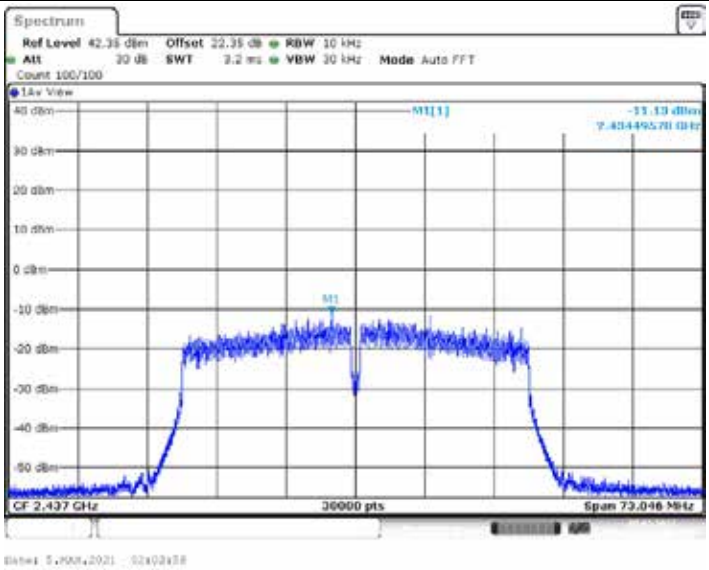

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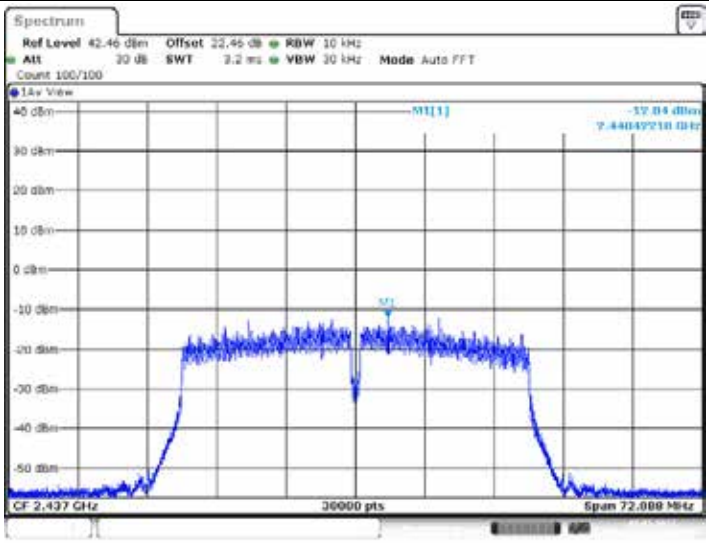
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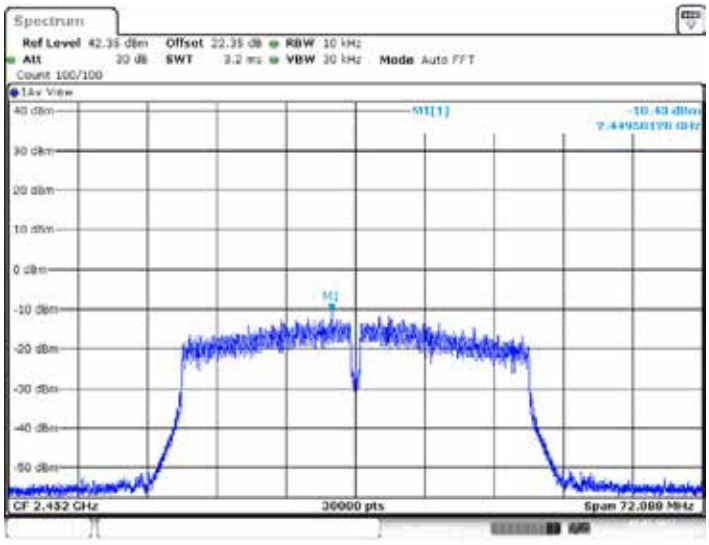
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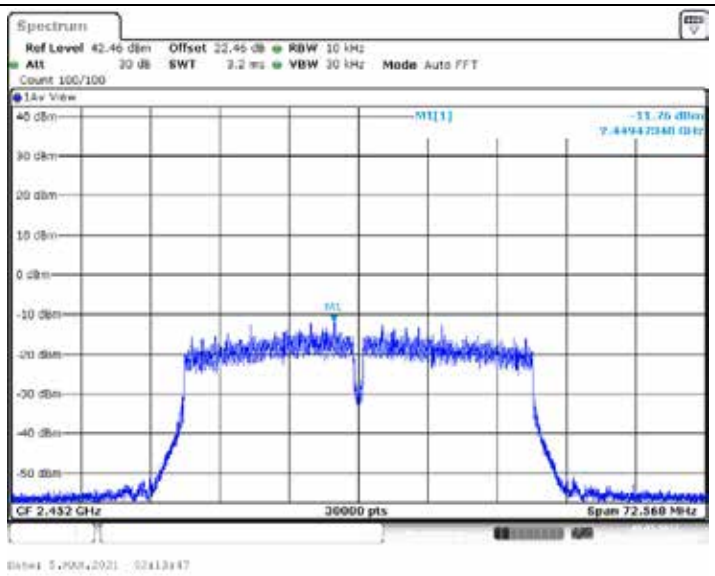

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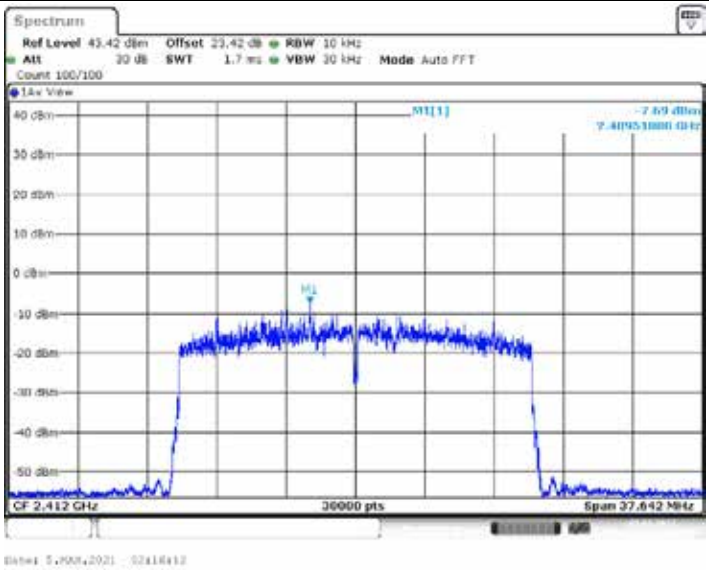

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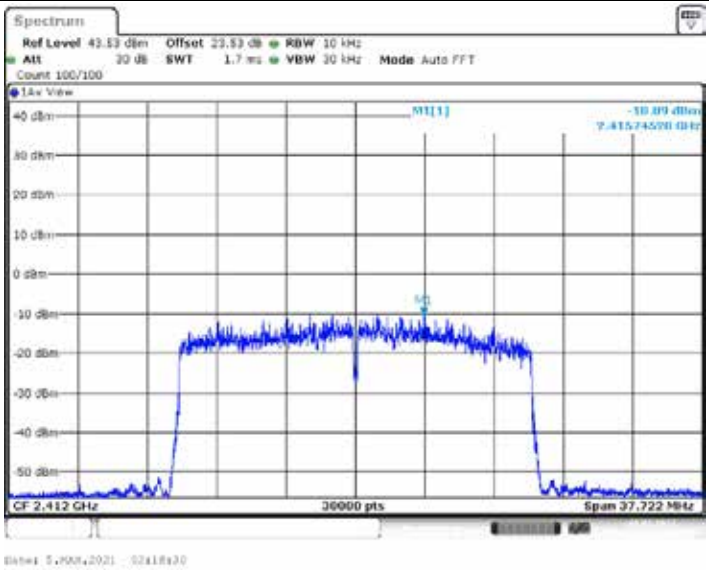

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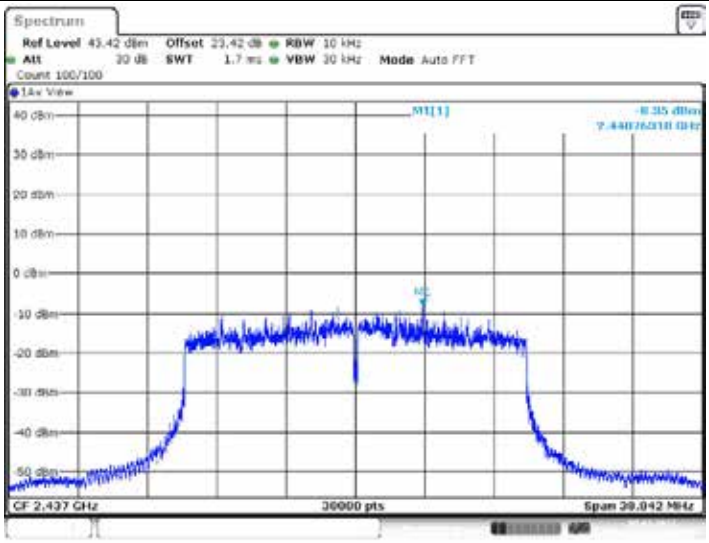
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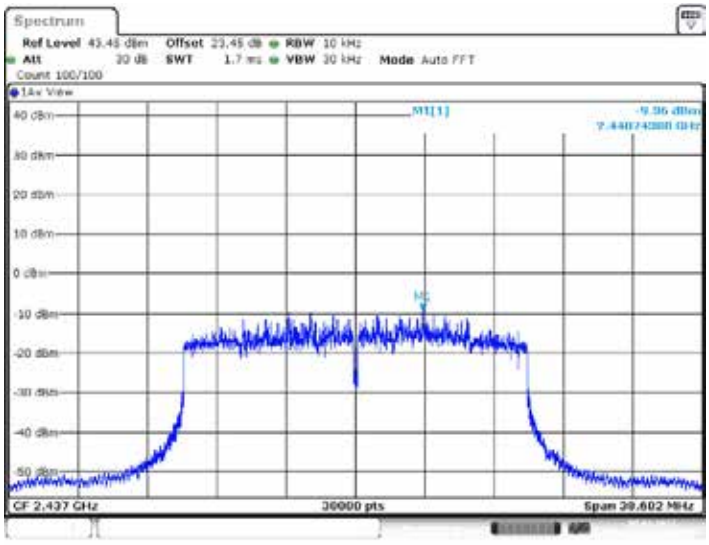
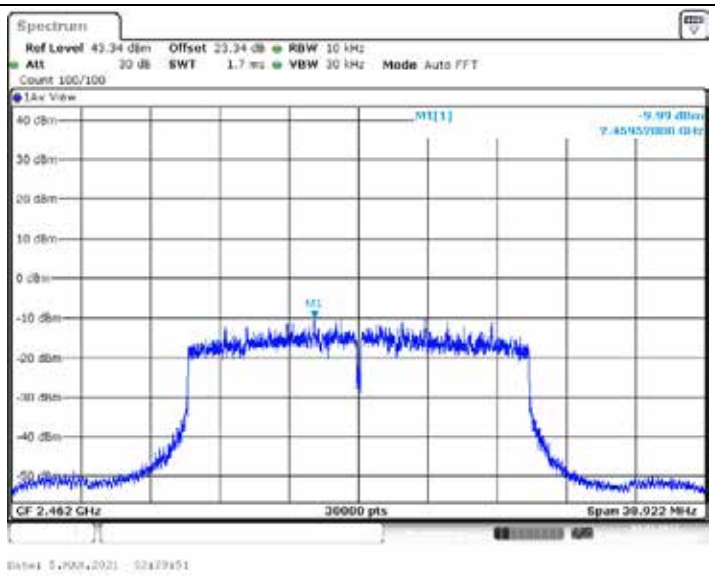

11AX20MIMO_Ant1_2462



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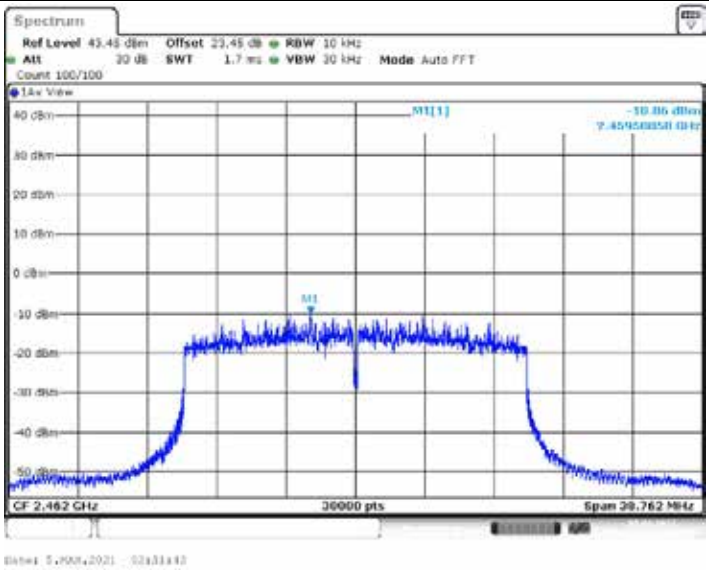

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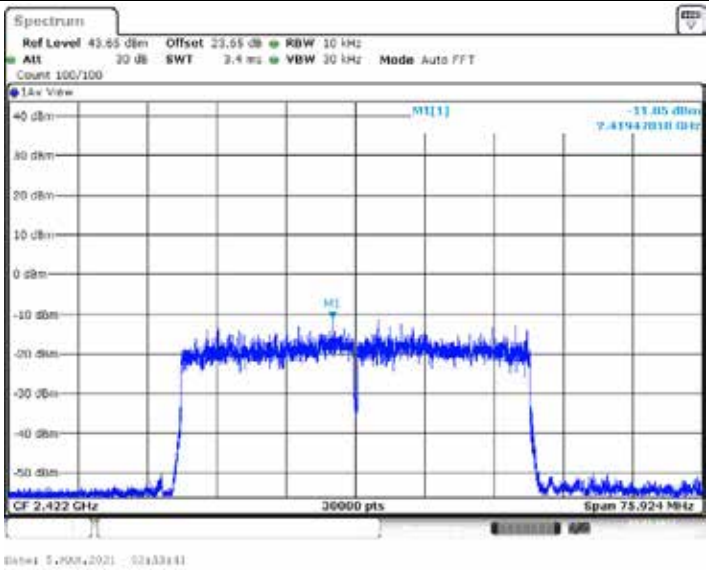

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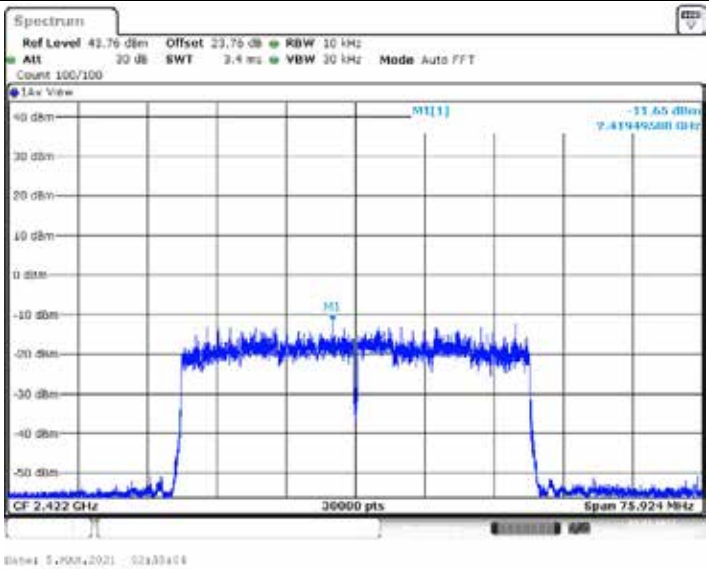
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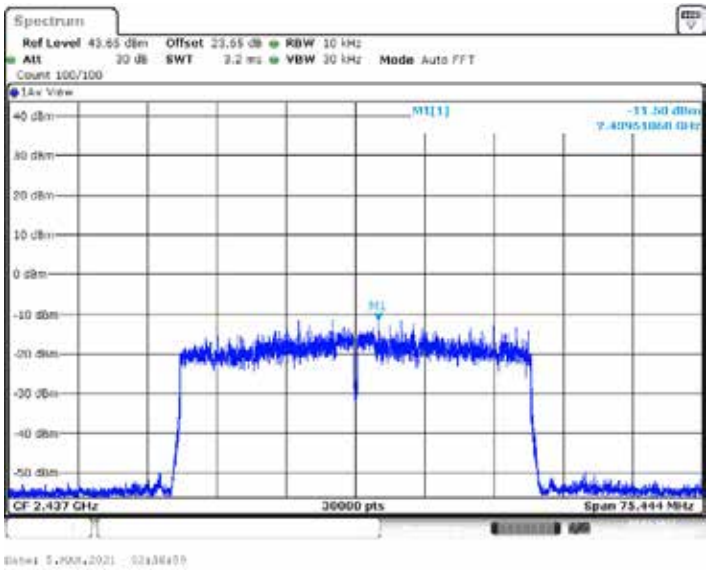
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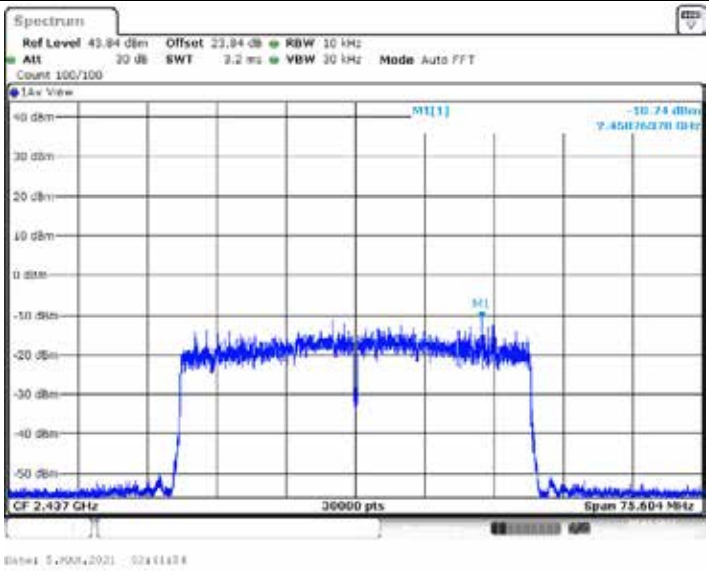

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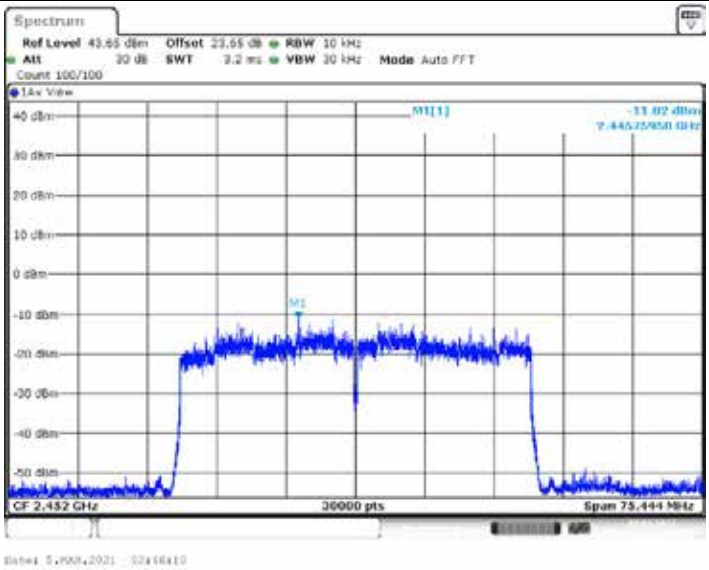

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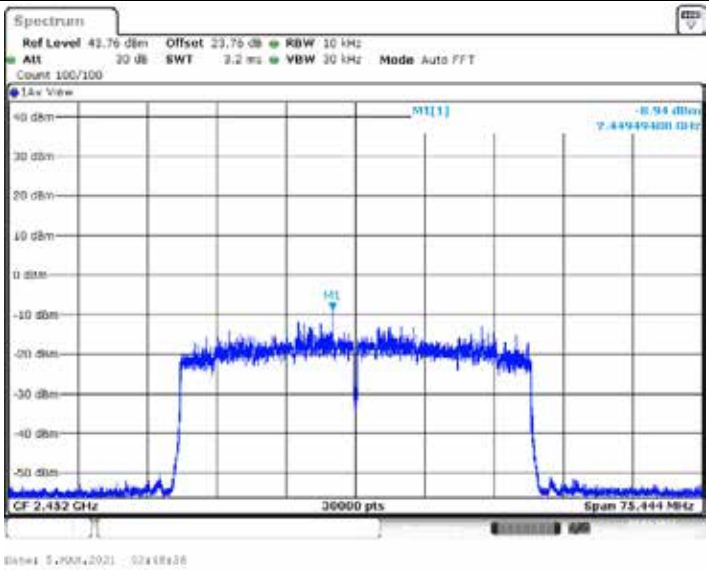


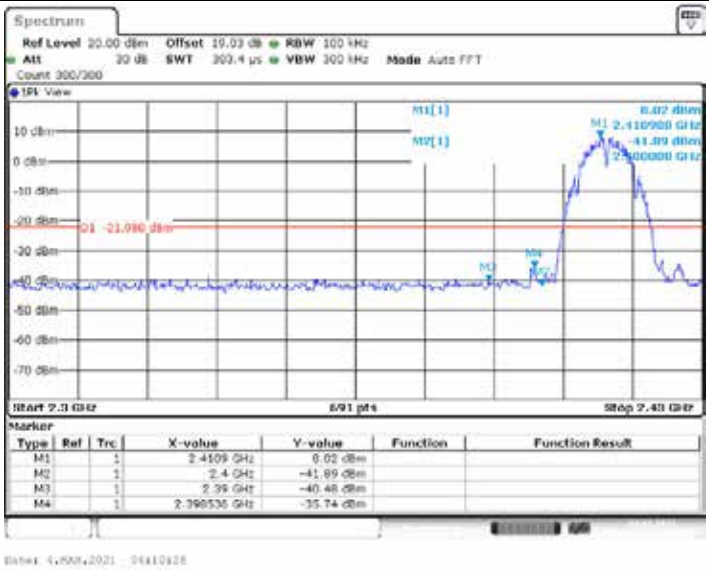
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.02	-35.74	<=-21.98	PASS
	Ant2	Low	2412	8.31	-32.85	<=-21.69	PASS
	Ant1	High	2462	9.13	-38.95	<=-20.87	PASS
	Ant2	High	2462	8.51	-38.08	<=-21.49	PASS
11G	Ant1	Low	2412	6.10	-34.35	<=-23.9	PASS
	Ant2	Low	2412	5.79	-36.38	<=-24.21	PASS
	Ant1	High	2462	4.96	-38.73	<=-25.04	PASS
	Ant2	High	2462	5.75	-38.77	<=-24.25	PASS
11N20SISO	Ant1	Low	2412	6.14	-34.6	<=-23.86	PASS
	Ant2	Low	2412	5.27	-36.14	<=-24.73	PASS
	Ant1	High	2462	4.61	-38.4	<=-25.39	PASS
	Ant2	High	2462	6.31	-38.75	<=-23.69	PASS
11N40SISO	Ant1	Low	2422	3.61	-34.37	<=-26.39	PASS
	Ant2	Low	2422	3.75	-33.23	<=-26.25	PASS
	Ant1	High	2452	3.47	-38.44	<=-26.53	PASS
	Ant2	High	2452	2.91	-38.57	<=-27.09	PASS
11AX20SISO	Ant1	Low	2412	5.51	-37.09	<=-24.49	PASS
	Ant2	Low	2412	6.10	-38.24	<=-23.9	PASS
	Ant1	High	2462	5.93	-38.67	<=-24.07	PASS
	Ant2	High	2462	6.01	-38.69	<=-23.99	PASS
11AX40SISO	Ant1	Low	2422	3.13	-37.53	<=-26.87	PASS
	Ant2	Low	2422	3.48	-36.51	<=-26.52	PASS
	Ant1	High	2452	3.51	-36.47	<=-26.49	PASS
	Ant2	High	2452	3.44	-38.08	<=-26.56	PASS
11N20MIMO	Ant1	Low	2412	7.87	-35.91	<=-22.13	PASS
	Ant2	Low	2412	8.40	-32.1	<=-21.6	PASS
	Ant1	High	2462	8.48	-38.64	<=-21.52	PASS
	Ant2	High	2462	8.23	-38.6	<=-21.77	PASS
11N40MIMO	Ant1	Low	2422	3.69	-32.57	<=-26.31	PASS
	Ant2	Low	2422	3.81	-34.43	<=-26.19	PASS
	Ant1	High	2452	3.86	-35.45	<=-26.14	PASS
	Ant2	High	2452	4.07	-37.62	<=-25.93	PASS
11AX20MIMO	Ant1	Low	2412	5.84	-37.43	<=-24.16	PASS
	Ant2	Low	2412	5.59	-37.56	<=-24.41	PASS
	Ant1	High	2462	5.49	-38.42	<=-24.51	PASS
	Ant2	High	2462	5.27	-38.57	<=-24.73	PASS
11AX40MIMO	Ant1	Low	2422	3.04	-36.66	<=-26.96	PASS

	Ant2	Low	2422	3.36	-37.75	<=-26.64	PASS
	Ant1	High	2452	3.31	-32.97	<=-26.69	PASS
	Ant2	High	2452	3.37	-36.83	<=-26.63	PASS

Test Graphs

11B_Ant1_Low_2412


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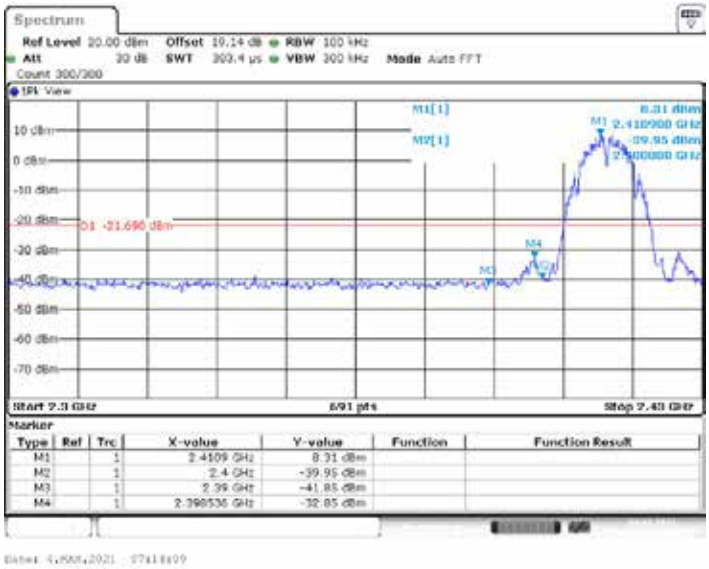

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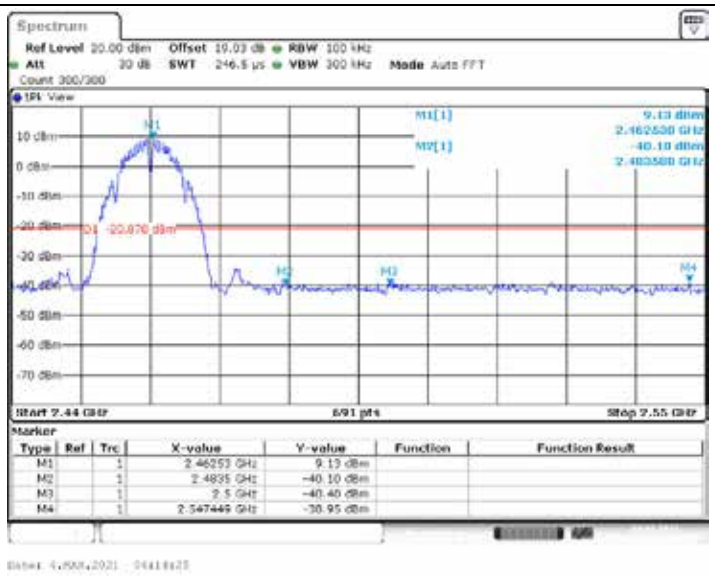

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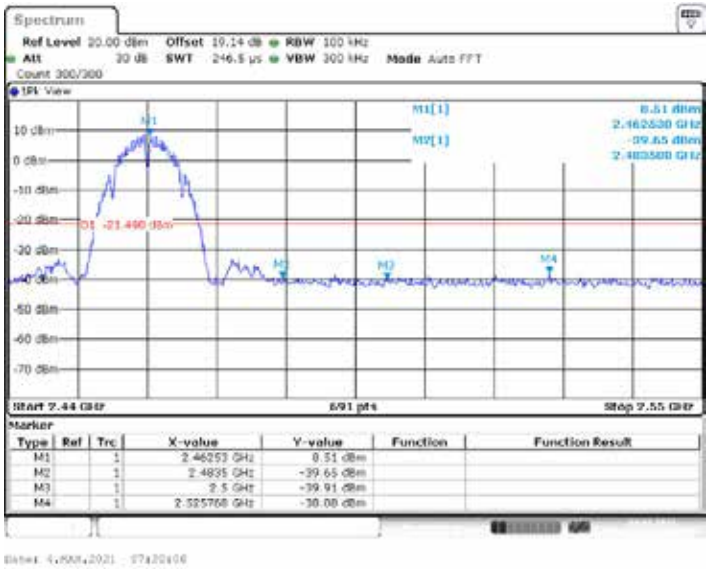

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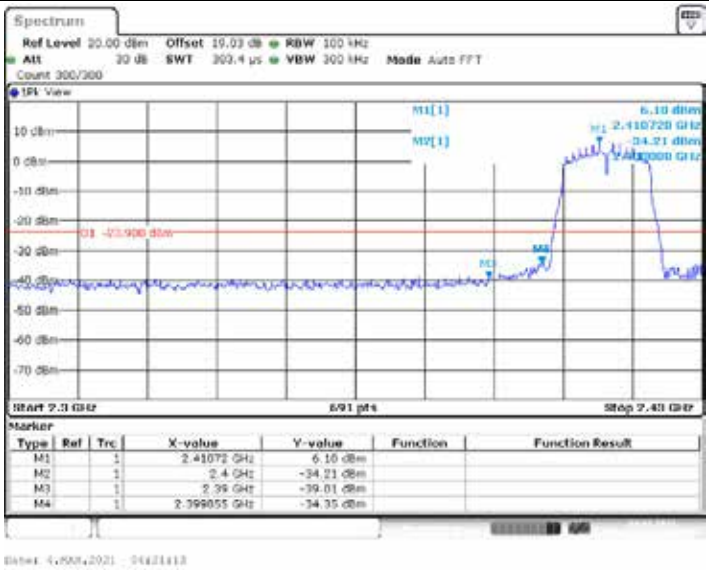

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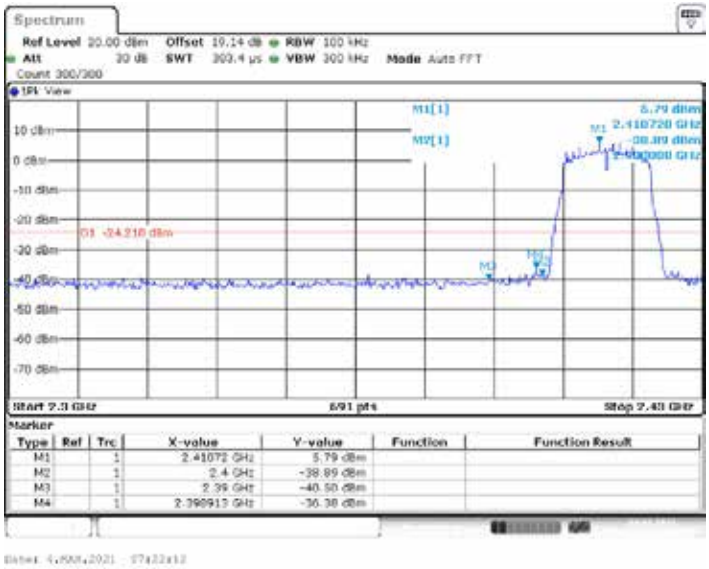

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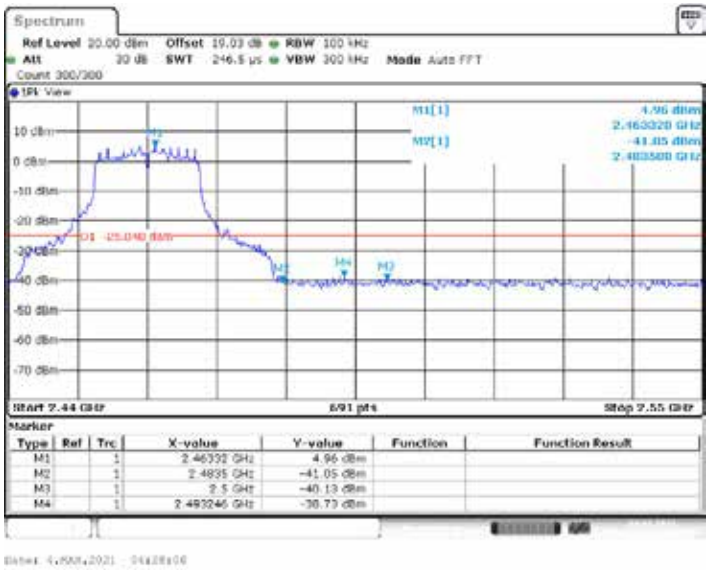

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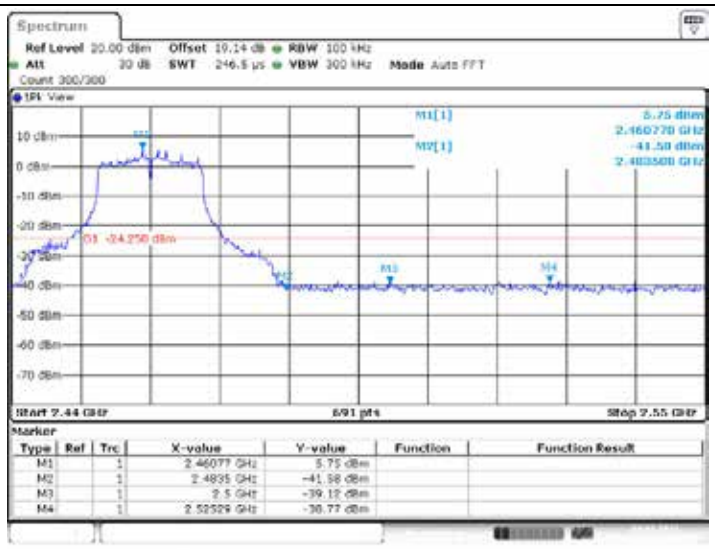

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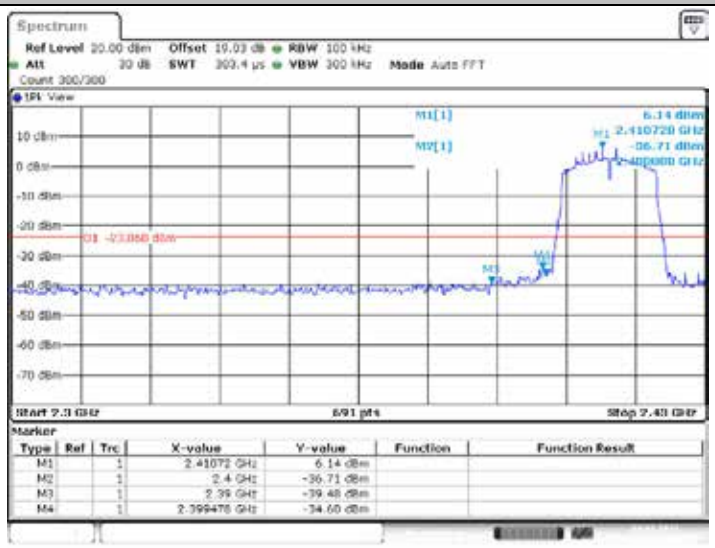
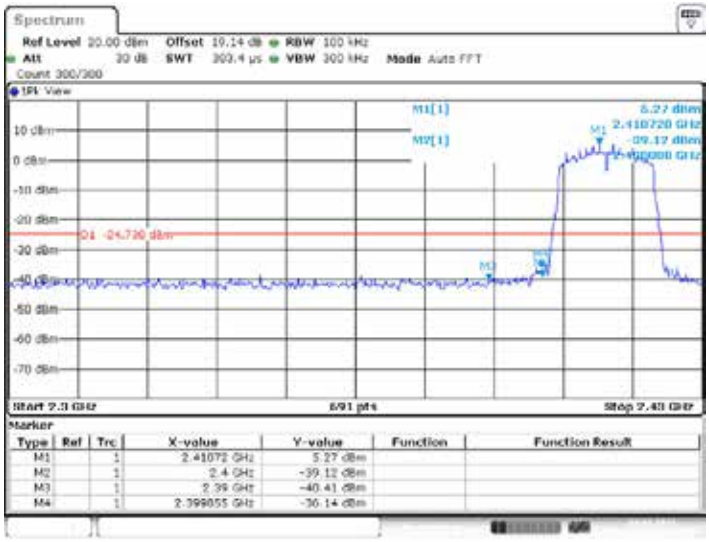
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