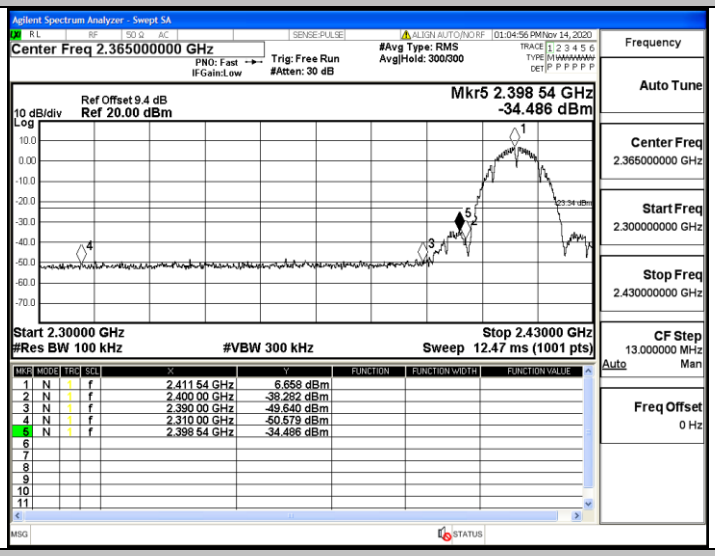
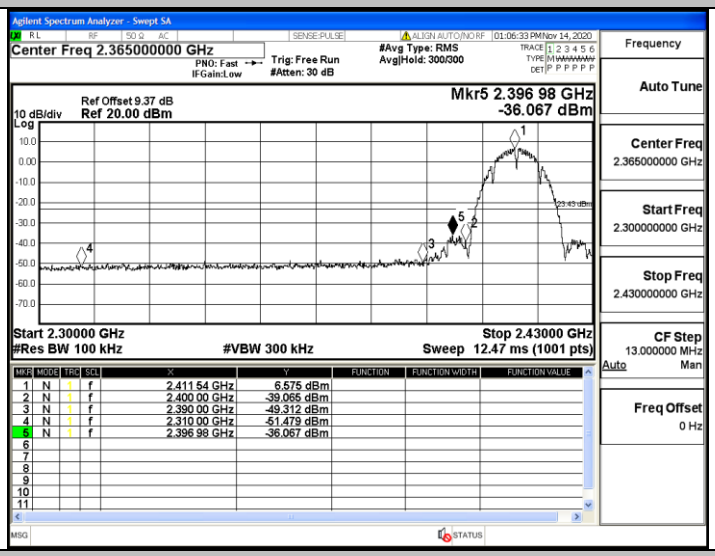
Test Graphs

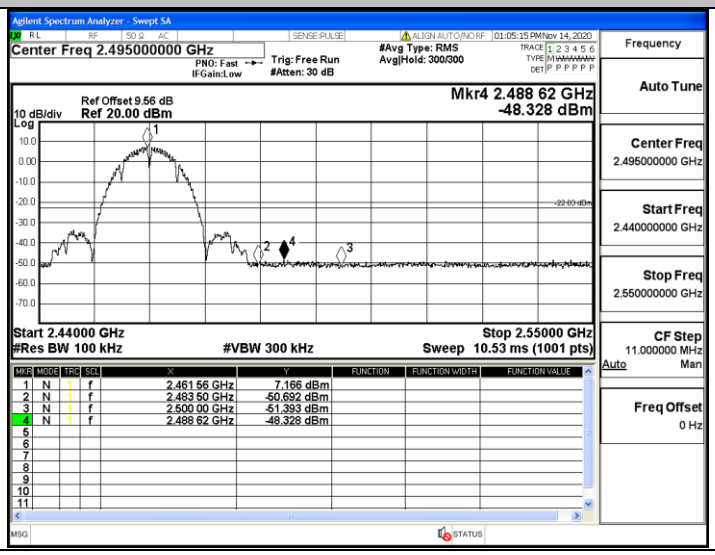
11B_Ant1_Low_2412



11B_Ant2_Low_2412



11B_Ant1_High_2462



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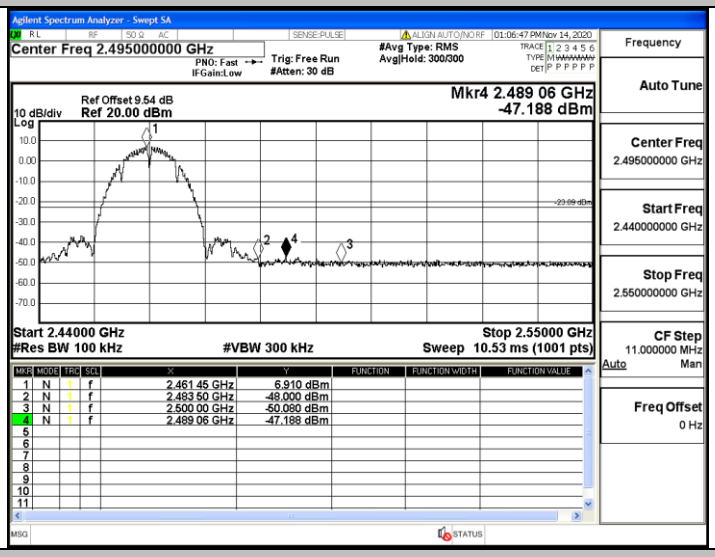
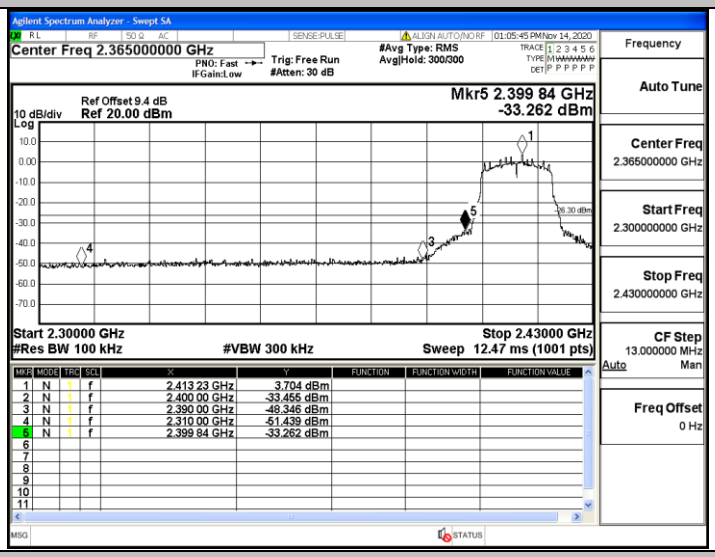
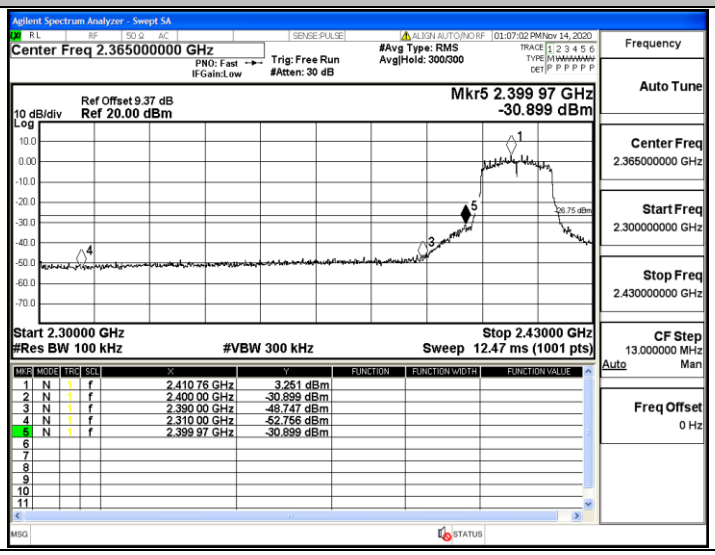


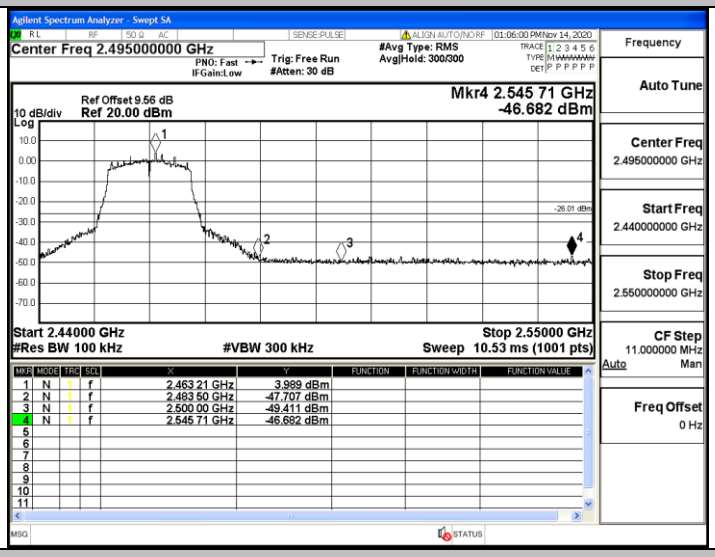
11G_Ant1_Low_2412



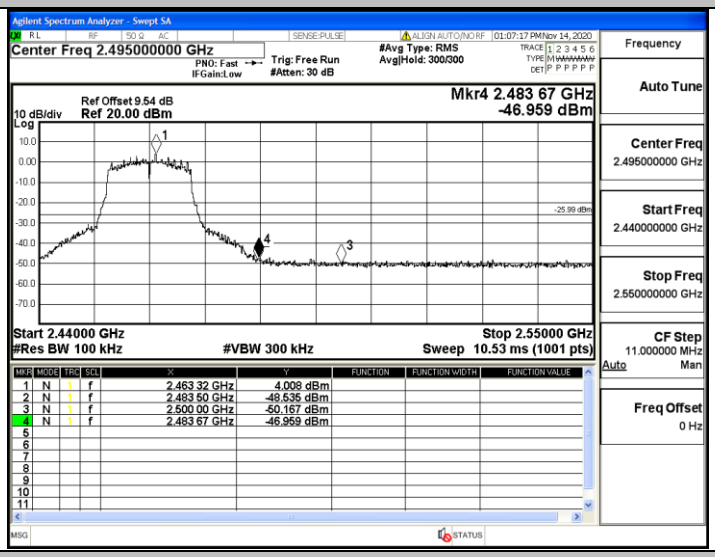
11G_Ant2_Low_2412



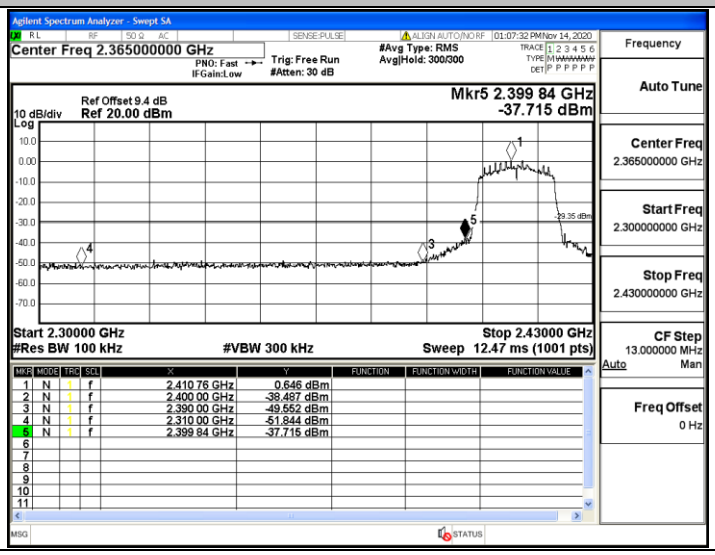
11G_Ant1_High_2462



11G_Ant2_High_2462



11N20MIMO_Ant1_Low_2412



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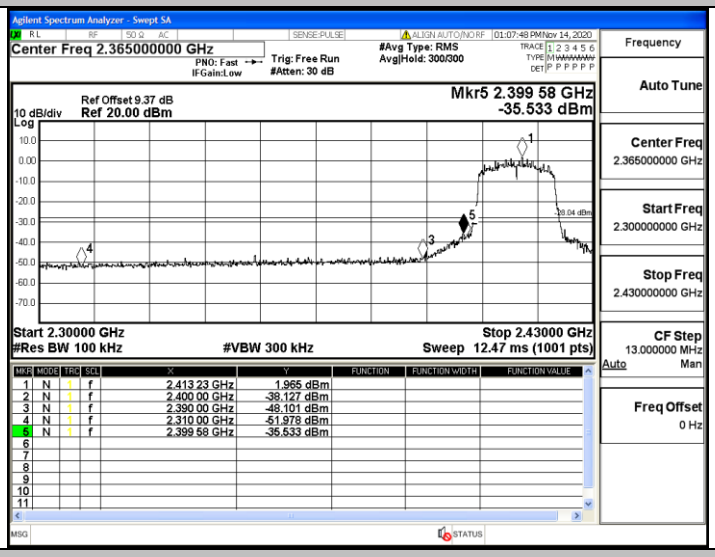

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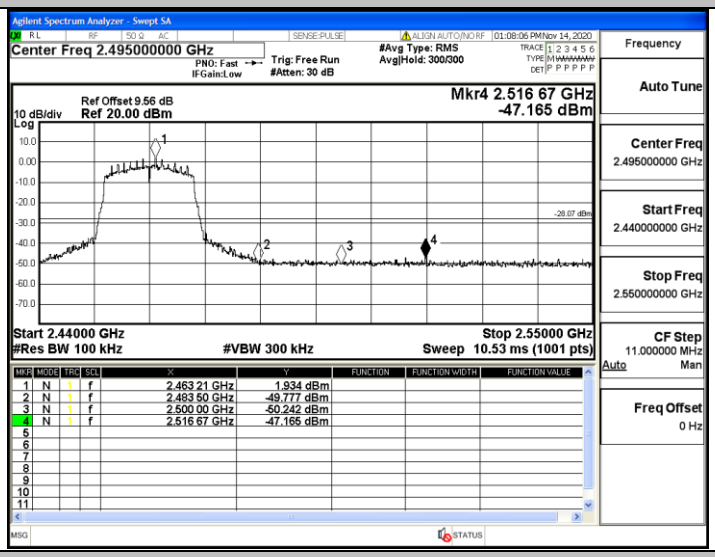

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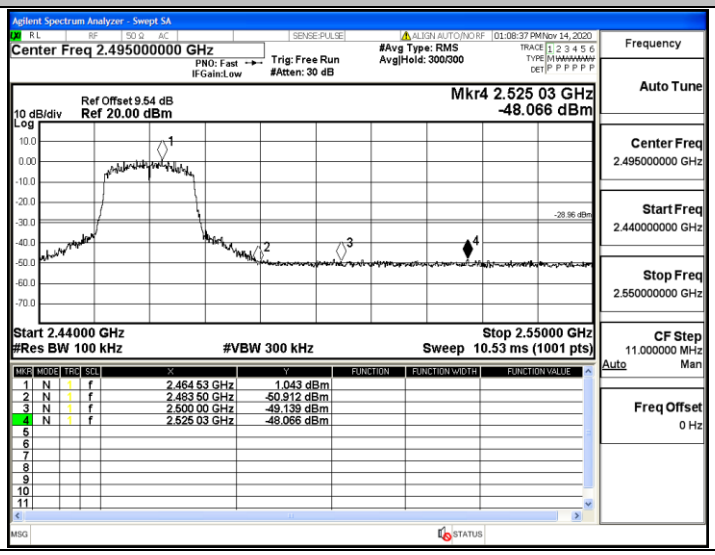
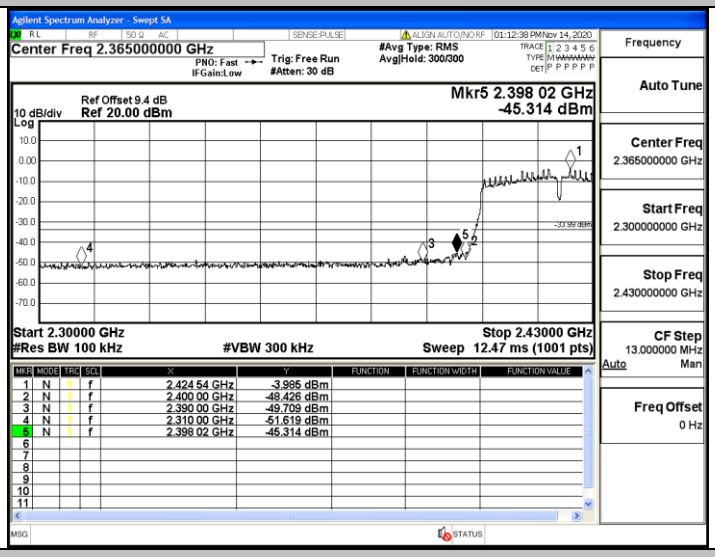
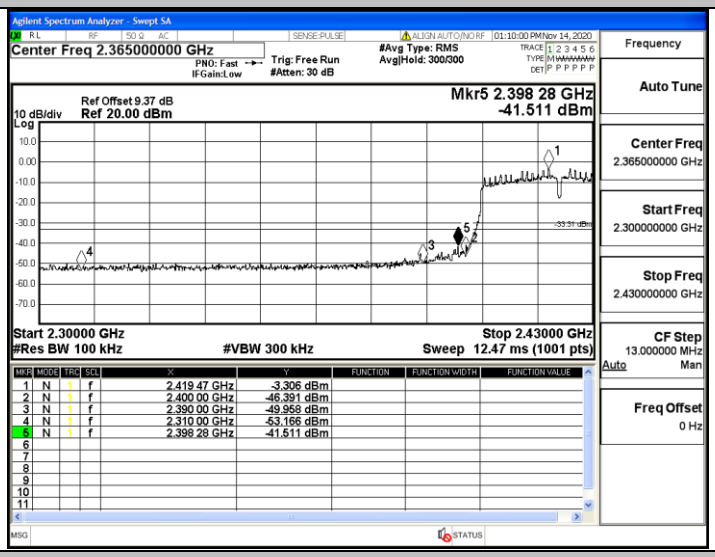


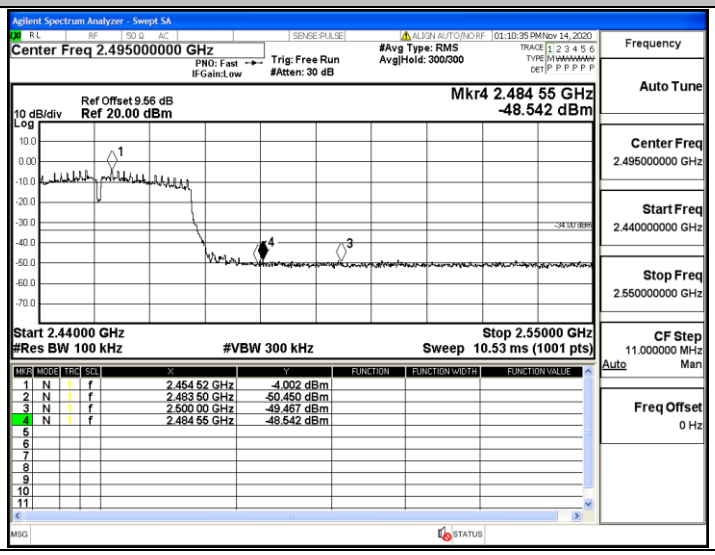
11N40MIMO_Ant1_Low_2422



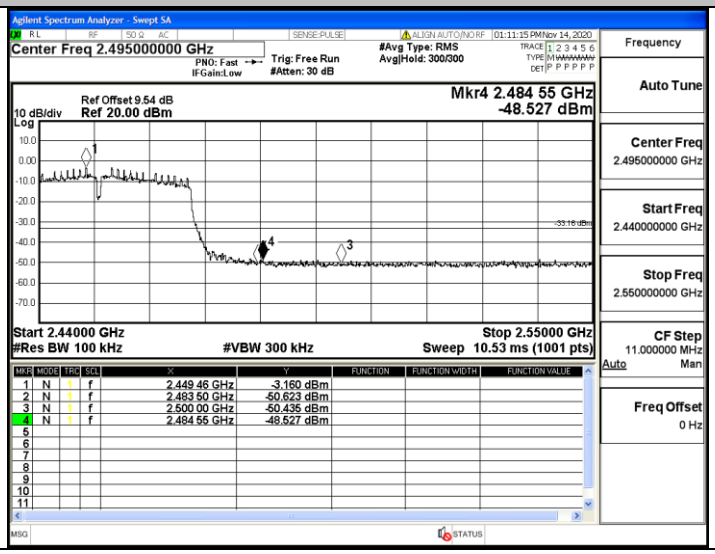
11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452



Appendix F: Conducted Spurious Emission

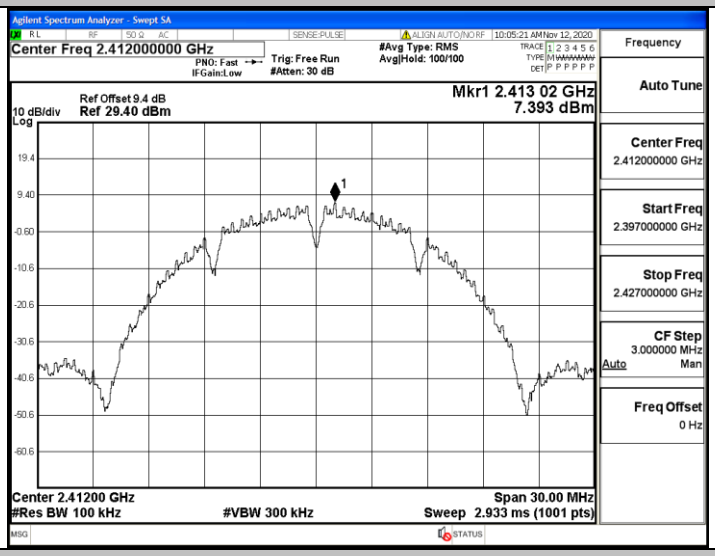
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.39	7.39	---	PASS
			30~1000	7.39	-56.555	<=-22.607	PASS
			1000~26500	7.39	-37.193	<=-22.607	PASS
	Ant2	2412	Reference	6.61	6.61	---	PASS
			30~1000	6.61	-54.203	<=-23.394	PASS
			1000~26500	6.61	-41.803	<=-23.394	PASS
	Ant1	2437	Reference	6.38	6.38	---	PASS
			30~1000	6.38	-55.34	<=-23.617	PASS
			1000~26500	6.38	-36.004	<=-23.617	PASS
	Ant2	2437	Reference	6.66	6.66	---	PASS
			30~1000	6.66	-54.083	<=-23.339	PASS
			1000~26500	6.66	-43.742	<=-23.339	PASS
	Ant1	2462	Reference	7.10	7.10	---	PASS
			30~1000	7.10	-55.77	<=-22.896	PASS
			1000~26500	7.10	-35.046	<=-22.896	PASS
	Ant2	2462	Reference	6.83	6.83	---	PASS
			30~1000	6.83	-53.075	<=-23.172	PASS
			1000~26500	6.83	-44.702	<=-23.172	PASS
11G	Ant1	2412	Reference	2.80	2.80	---	PASS
			30~1000	2.80	-51.208	<=-27.199	PASS
			1000~26500	2.80	-50	<=-27.199	PASS
	Ant2	2412	Reference	2.50	2.50	---	PASS
			30~1000	2.50	-54.575	<=-27.499	PASS
			1000~26500	2.50	-49.359	<=-27.499	PASS
	Ant1	2437	Reference	2.37	2.37	---	PASS
			30~1000	2.37	-50.067	<=-27.631	PASS
			1000~26500	2.37	-48.193	<=-27.631	PASS
	Ant2	2437	Reference	3.72	3.72	---	PASS
			30~1000	3.72	-55.141	<=-26.284	PASS
			1000~26500	3.72	-49.366	<=-26.284	PASS
	Ant1	2462	Reference	2.47	2.47	---	PASS
			30~1000	2.47	-49.643	<=-27.533	PASS
			1000~26500	2.47	-48.283	<=-27.533	PASS
	Ant2	2462	Reference	2.93	2.93	---	PASS
			30~1000	2.93	-54.366	<=-27.073	PASS
			1000~26500	2.93	-48.034	<=-27.073	PASS
11N20MIMO	Ant1	2412	Reference	0.90	0.90	---	PASS

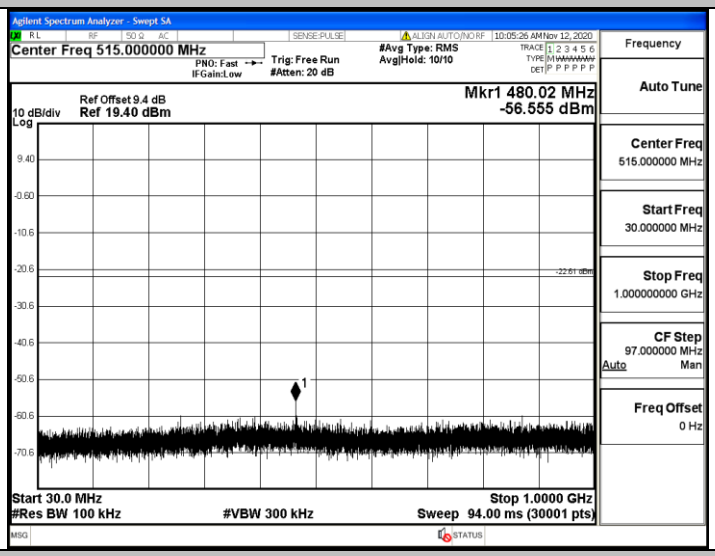
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
			30~1000	0.90	-53.648	<=-29.102	PASS
			1000~26500	0.90	-51.922	<=-29.102	PASS
	Ant2	2412	Reference	1.70	1.70	---	PASS
			30~1000	1.70	-51.636	<=-28.302	PASS
			1000~26500	1.70	-51.159	<=-28.302	PASS
	Ant1	2437	Reference	0.76	0.76	---	PASS
			30~1000	0.76	-53.577	<=-29.242	PASS
			1000~26500	0.76	-52.428	<=-29.242	PASS
	Ant2	2437	Reference	1.34	1.34	---	PASS
			30~1000	1.34	-51.346	<=-28.664	PASS
			1000~26500	1.34	-51.216	<=-28.664	PASS
	Ant1	2462	Reference	1.70	1.70	---	PASS
			30~1000	1.70	-51.269	<=-28.301	PASS
			1000~26500	1.70	-49.998	<=-28.301	PASS
	Ant2	2462	Reference	1.10	1.10	---	PASS
			30~1000	1.10	-51.318	<=-28.896	PASS
			1000~26500	1.10	-51.565	<=-28.896	PASS
11N40MIMO	Ant1	2422	Reference	-4.22	-4.22	---	PASS
			30~1000	-4.22	-51.157	<=-34.218	PASS
			1000~26500	-4.22	-51.784	<=-34.218	PASS
	Ant2	2422	Reference	-3.52	-3.52	---	PASS
			30~1000	-3.52	-58.411	<=-33.522	PASS
			1000~26500	-3.52	-51.756	<=-33.522	PASS
	Ant1	2437	Reference	-4.35	-4.35	---	PASS
			30~1000	-4.35	-51.974	<=-34.345	PASS
			1000~26500	-4.35	-51.74	<=-34.345	PASS
	Ant2	2437	Reference	-3.31	-3.31	---	PASS
			30~1000	-3.31	-52.411	<=-33.307	PASS
			1000~26500	-3.31	-51.453	<=-33.307	PASS
	Ant1	2452	Reference	-4.28	-4.28	---	PASS
			30~1000	-4.28	-51.456	<=-34.276	PASS
			1000~26500	-4.28	-51.438	<=-34.276	PASS
	Ant2	2452	Reference	-3.55	-3.55	---	PASS
			30~1000	-3.55	-54.056	<=-33.546	PASS
			1000~26500	-3.55	-52.13	<=-33.546	PASS

Test Graphs

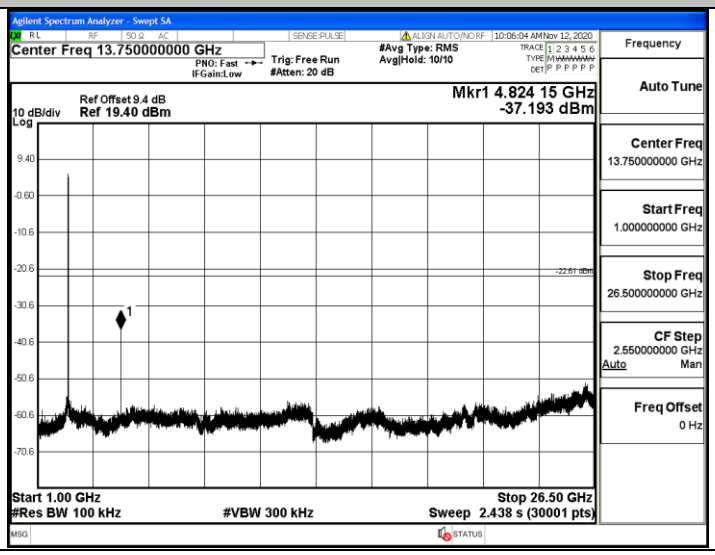
11B_Ant1_2412_0~Reference



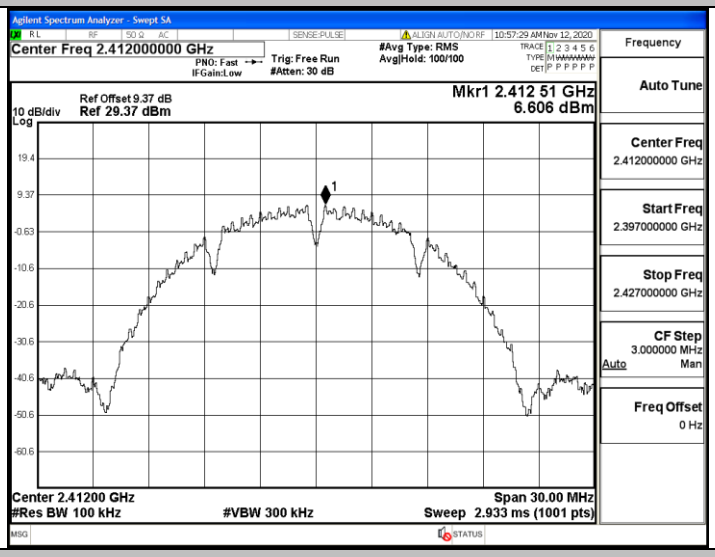
11B_Ant1_2412_30~1000



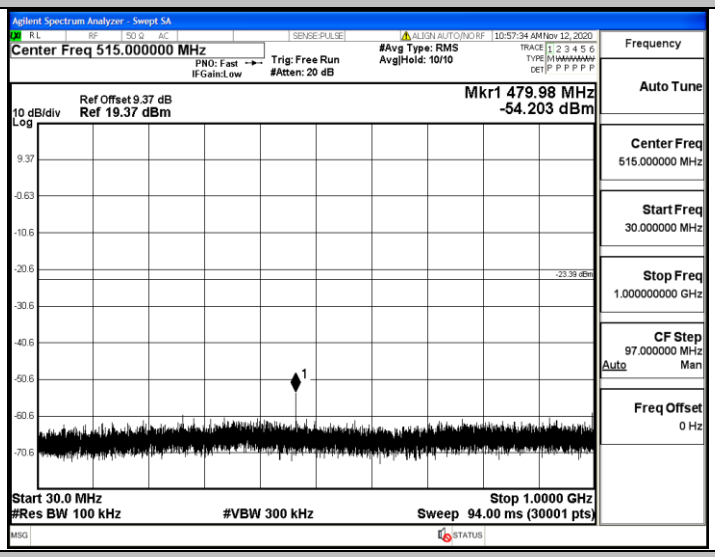
11B_Ant1_2412_1000~26500



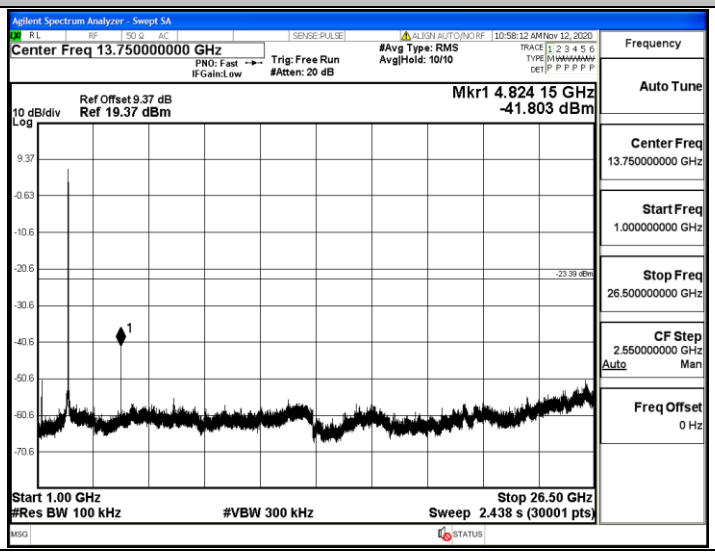
11B_Ant2_2412_0~Reference



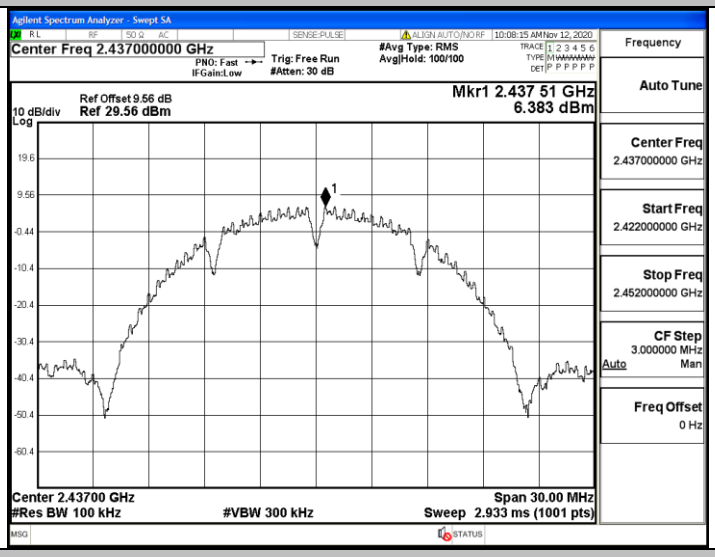
11B_Ant2_2412_30~1000



11B_Ant2_2412_1000~26500



11B_Ant1_2437_0~Reference



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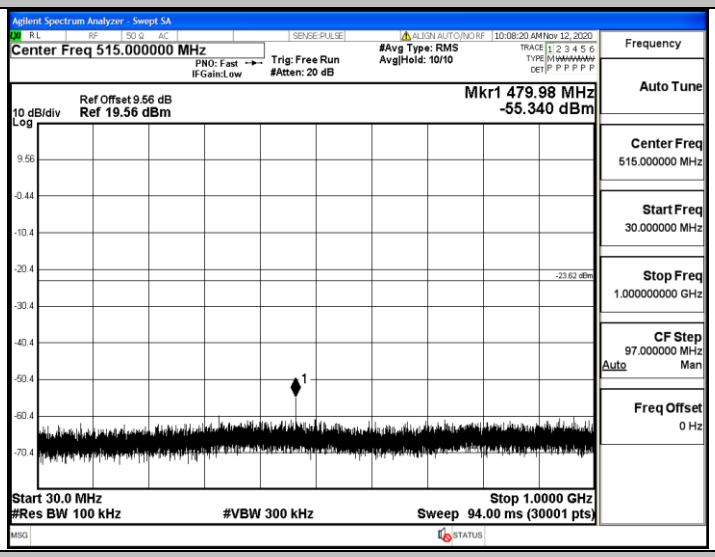
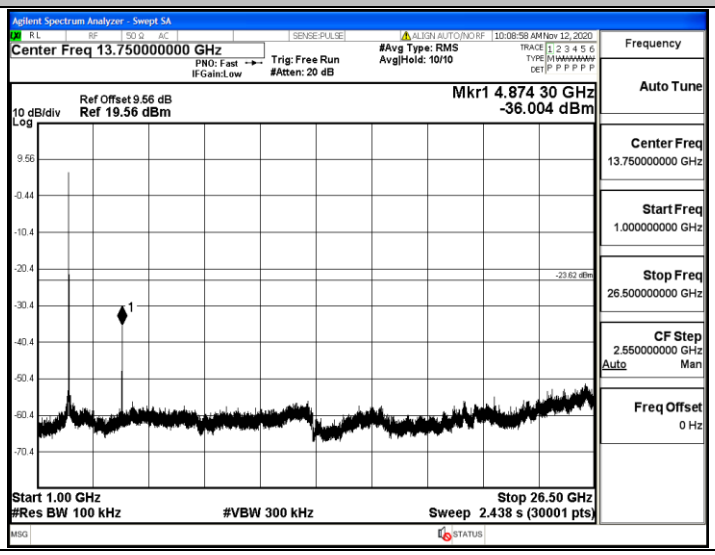


11B_Ant1_2437_1000~26500



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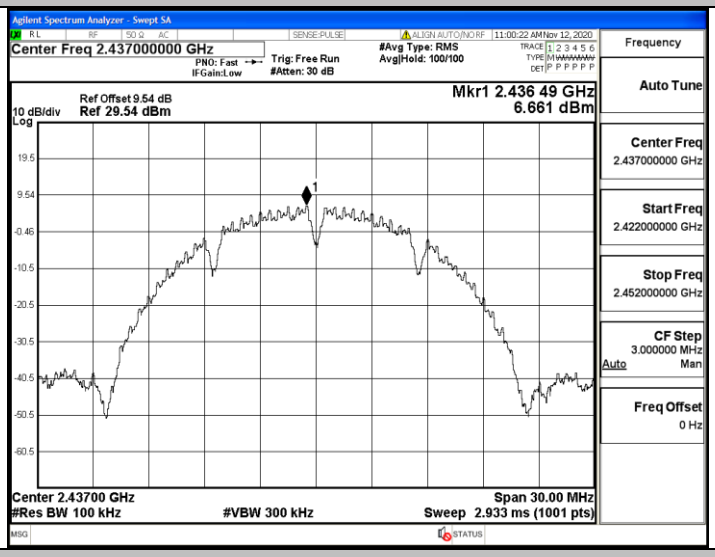

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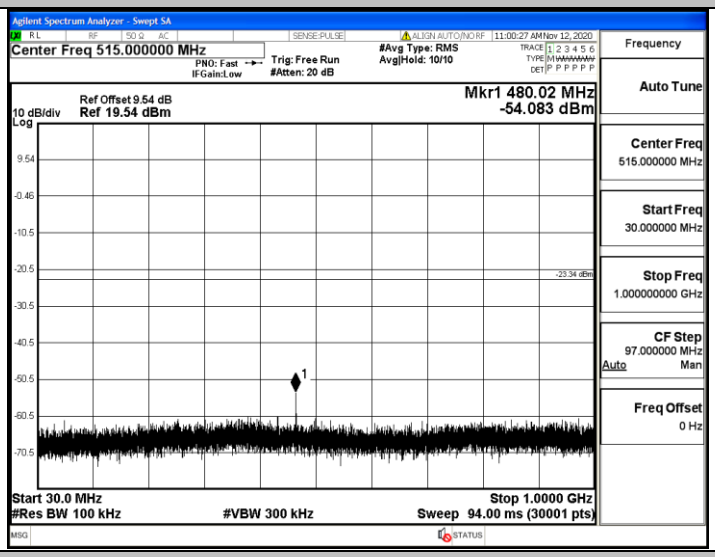
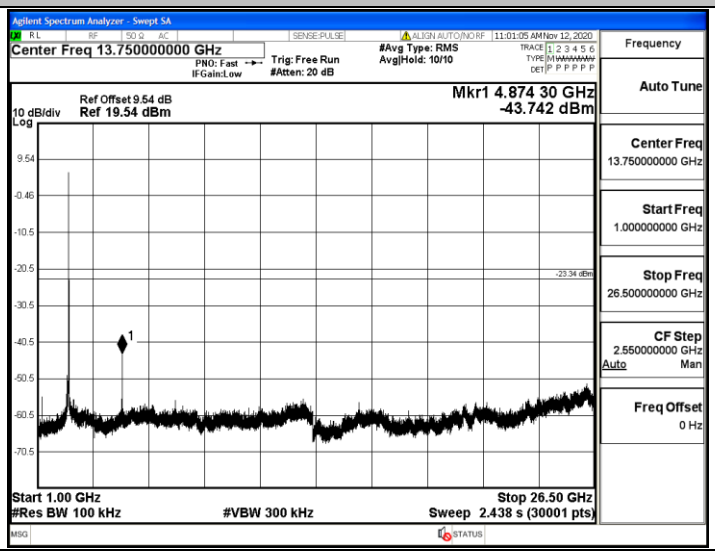
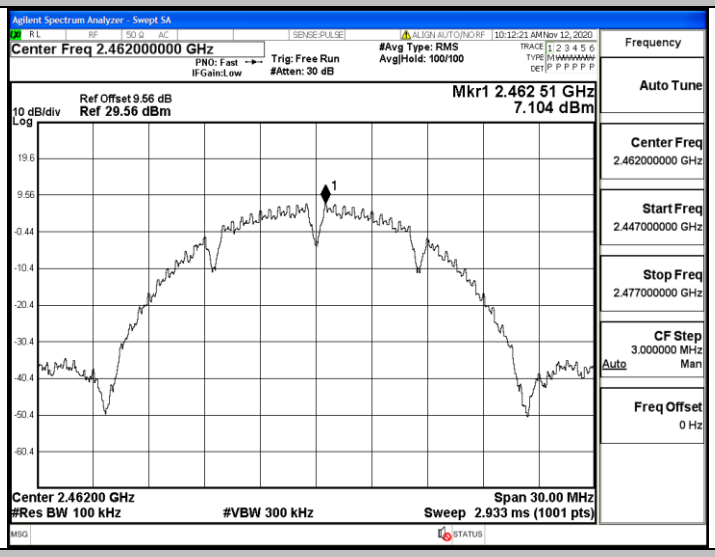


11B_Ant2_2437_1000~26500



11B_Ant1_2462_0~Reference



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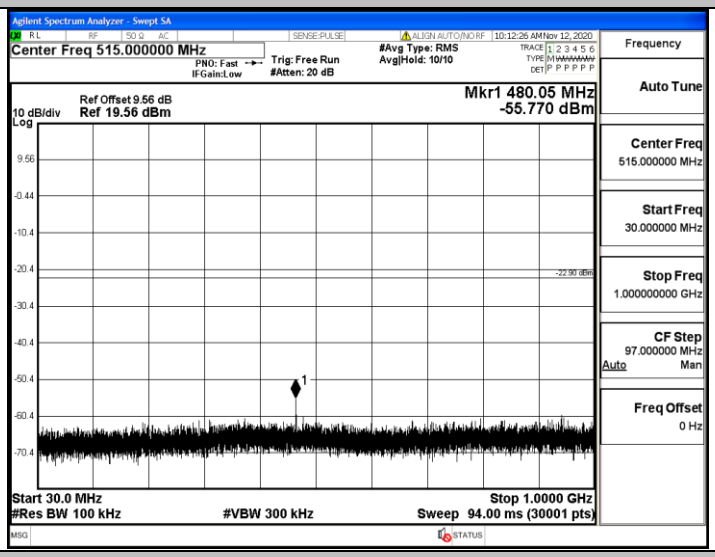
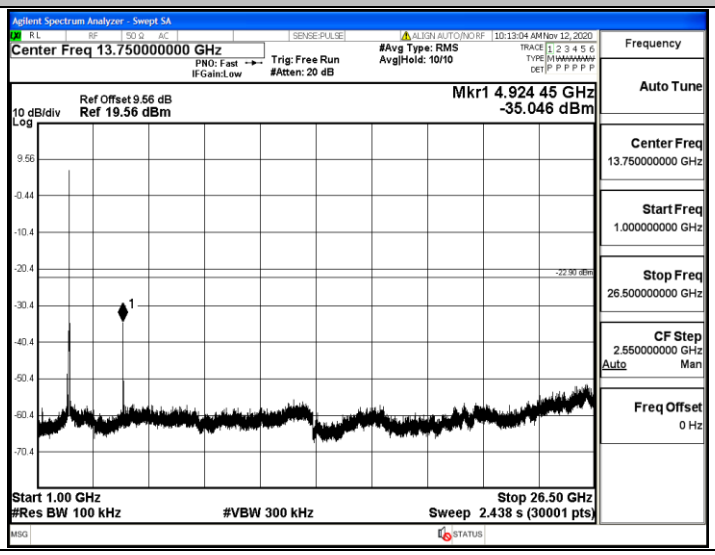


11B_Ant1_2462_1000~26500



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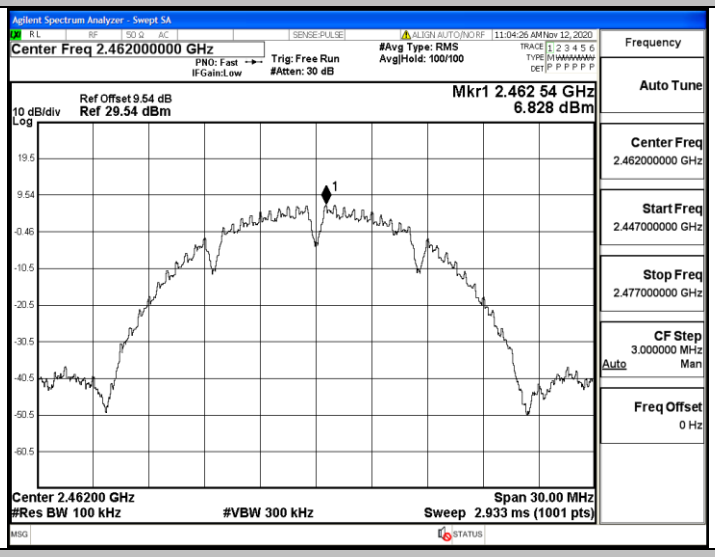
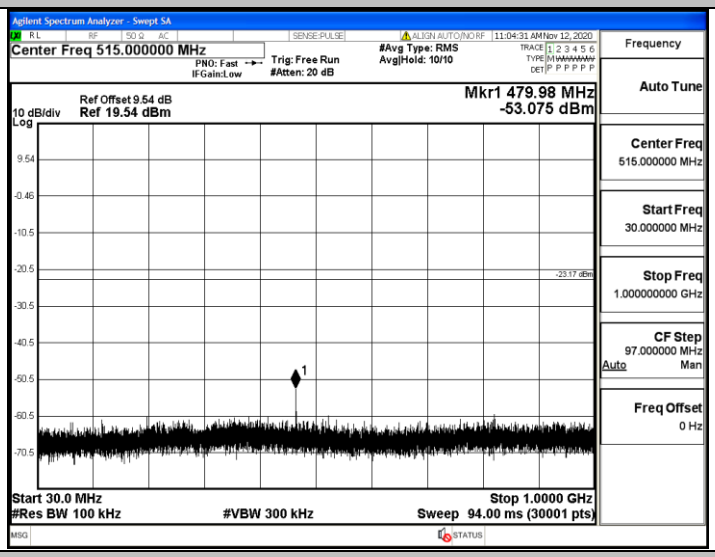
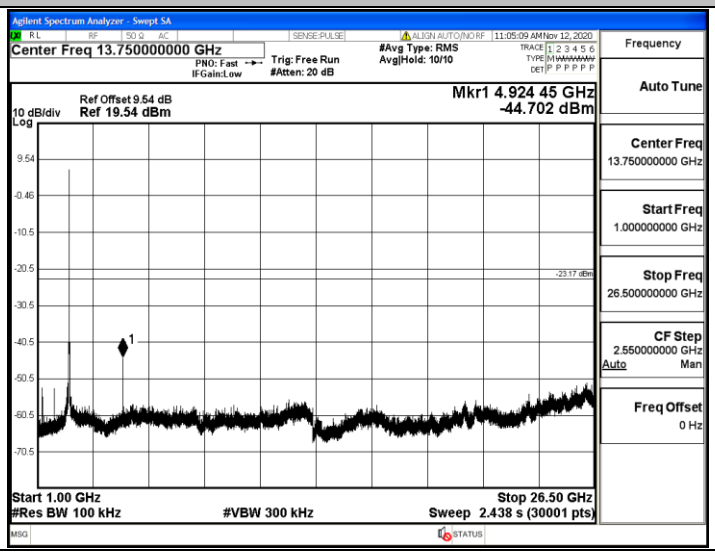


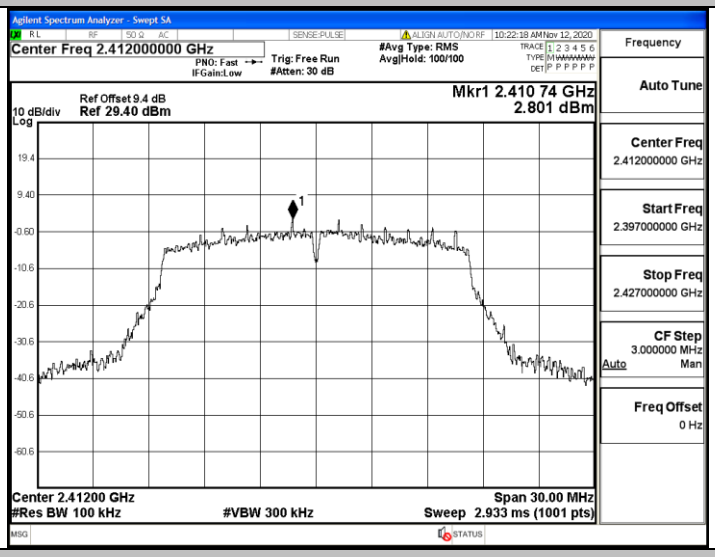
11B_Ant2_2462_30~1000



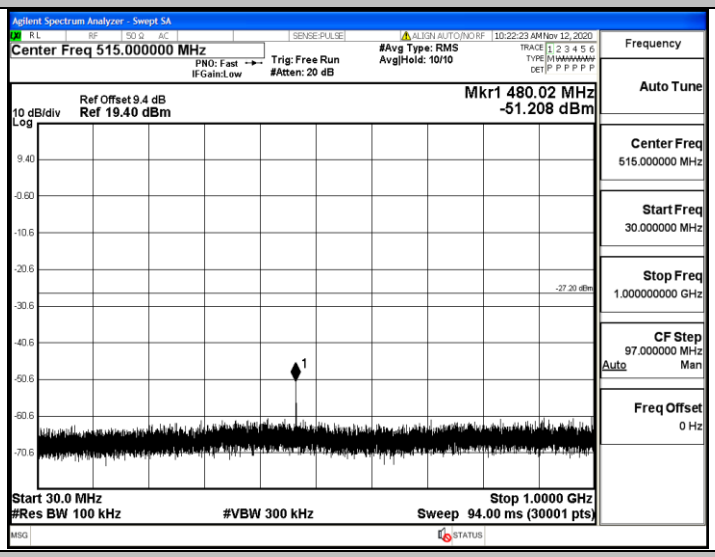
11B_Ant2_2462_1000~26500



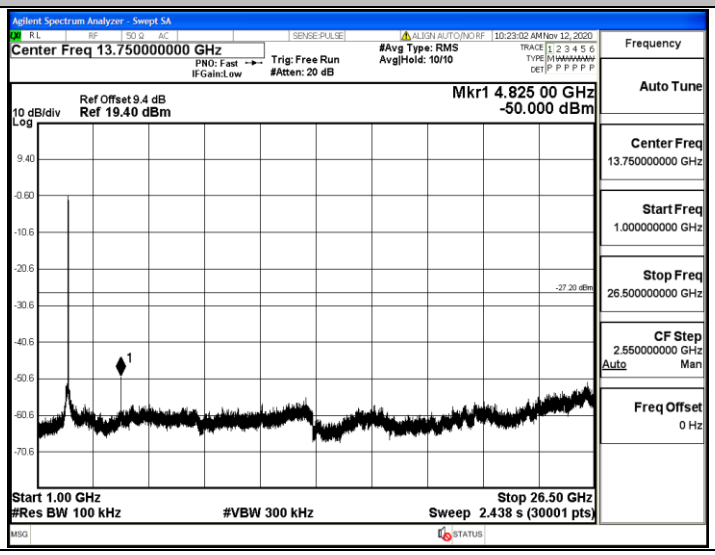
11G_Ant1_2412_0~Reference



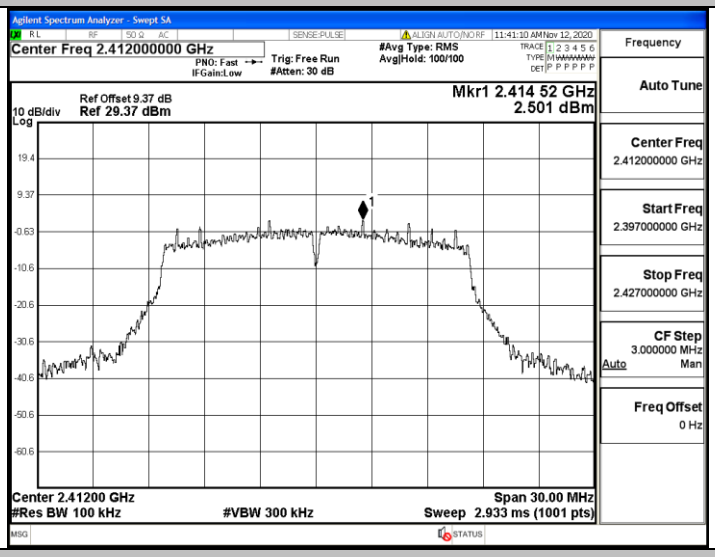
11G_Ant1_2412_30~1000



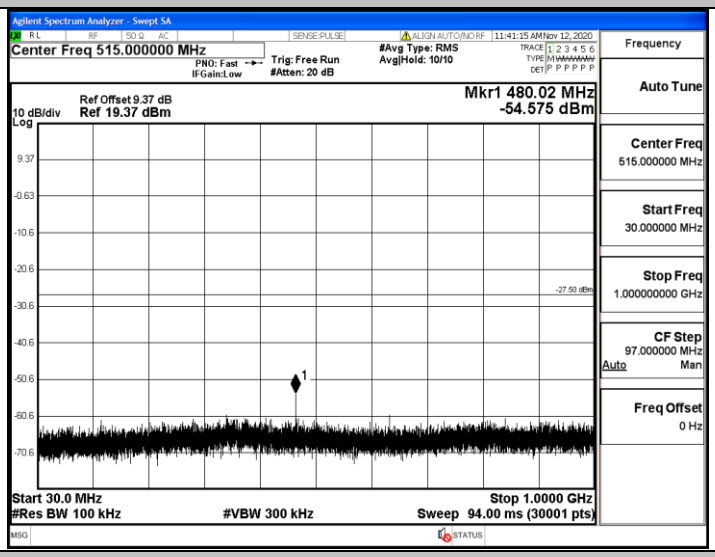
11G_Ant1_2412_1000~26500



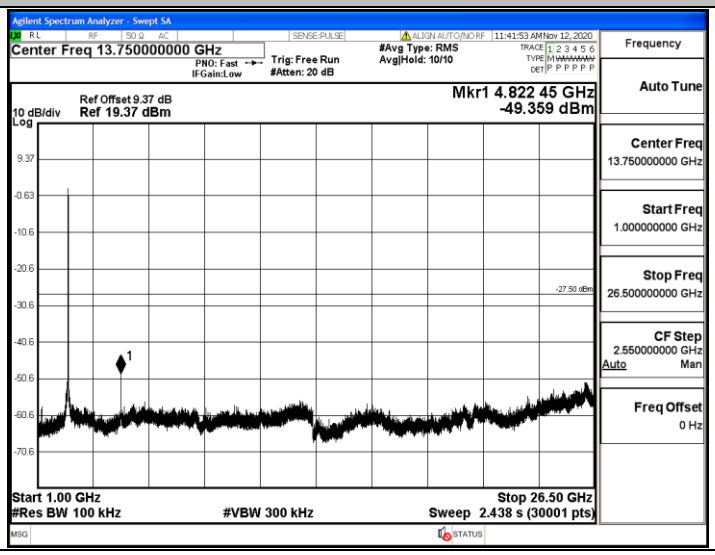
11G_Ant2_2412_0~Reference



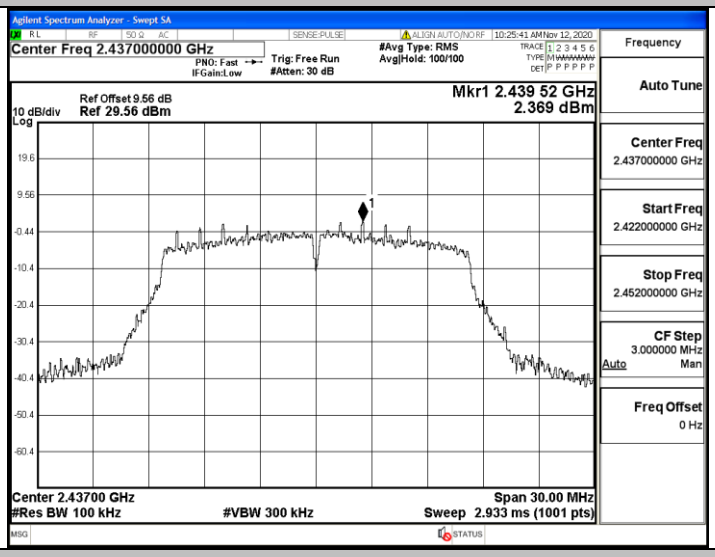
11G_Ant2_2412_30~1000



11G_Ant2_2412_1000~26500



11G_Ant1_2437_0~Reference



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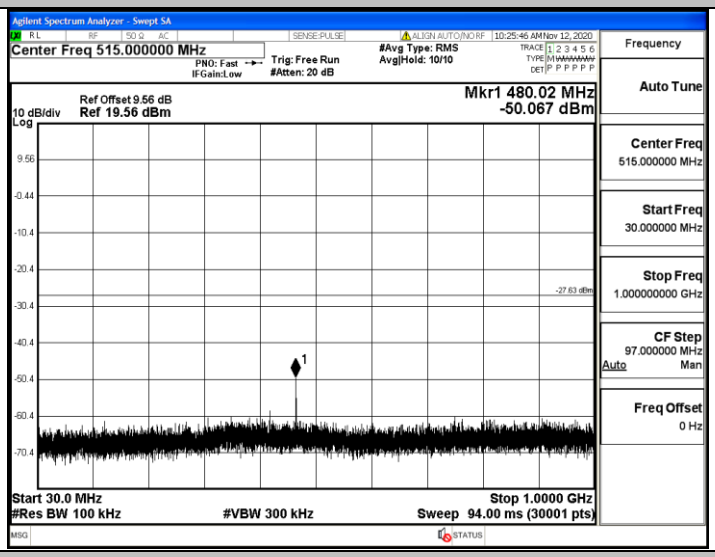

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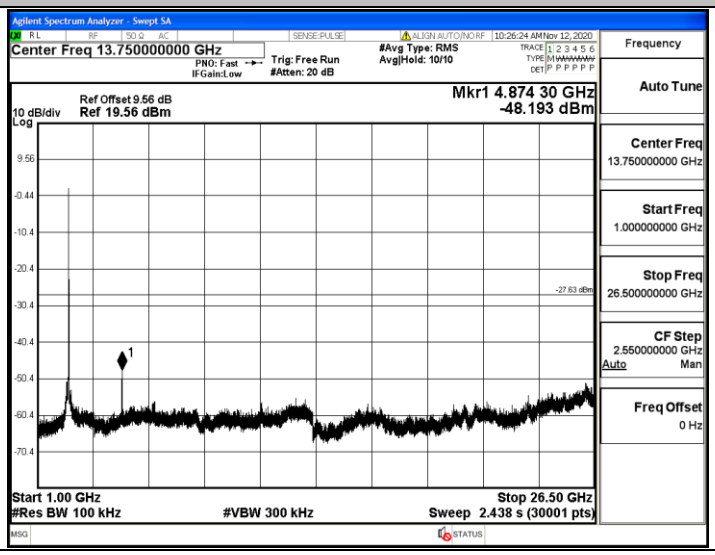

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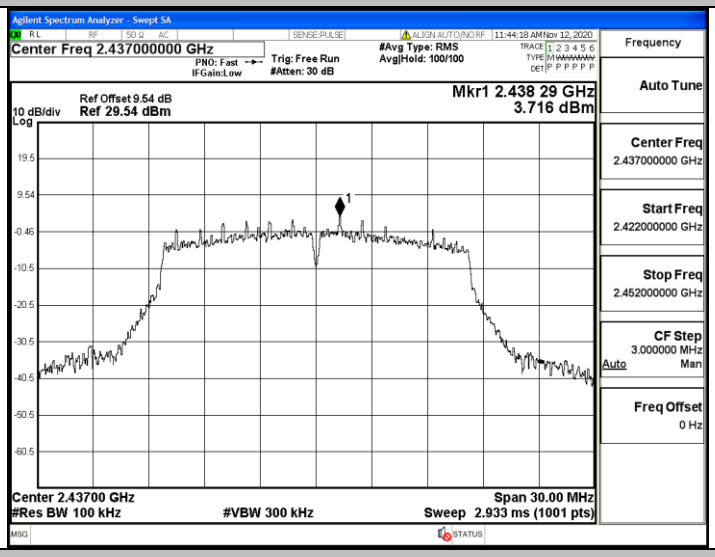

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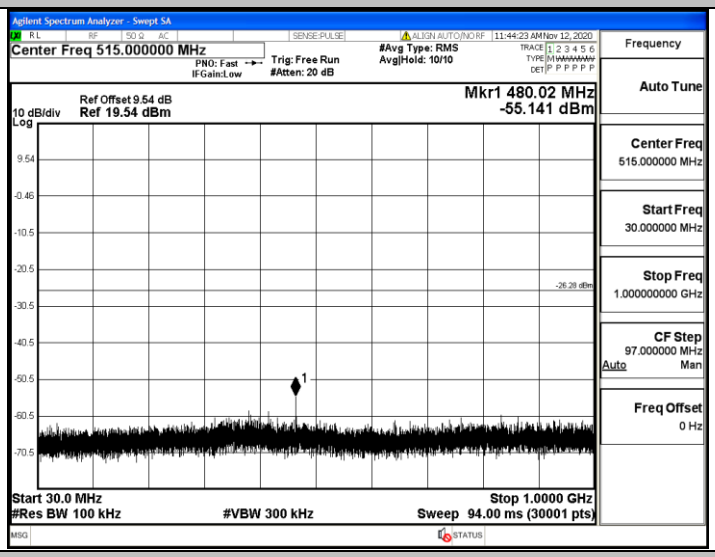

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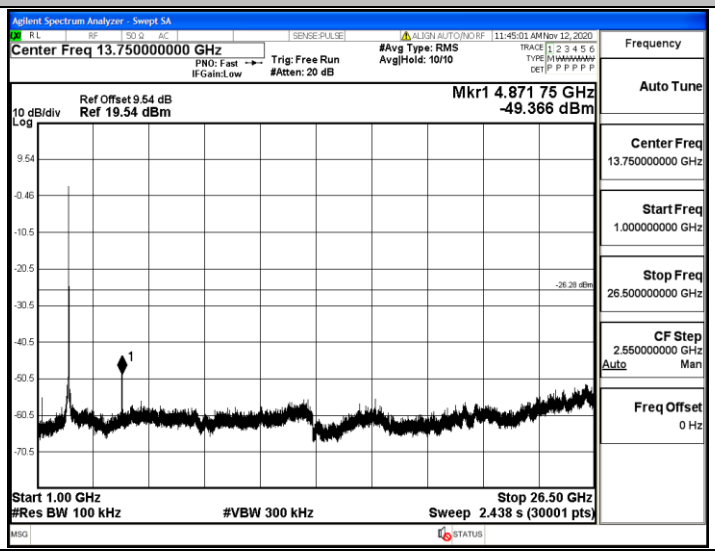

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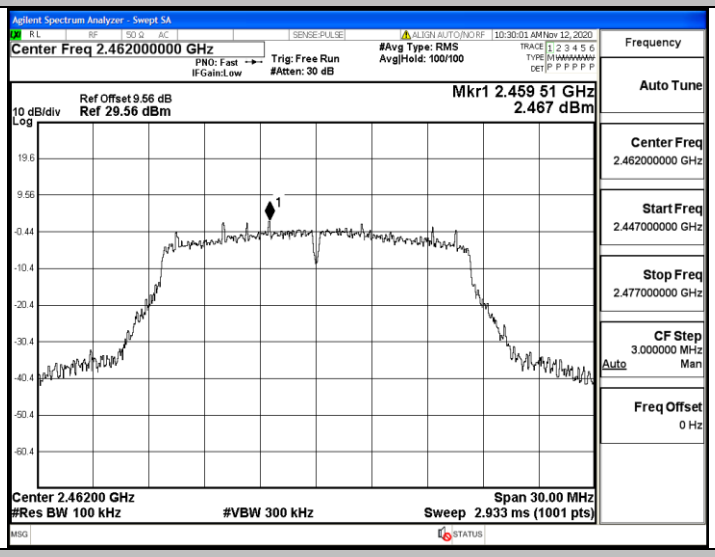

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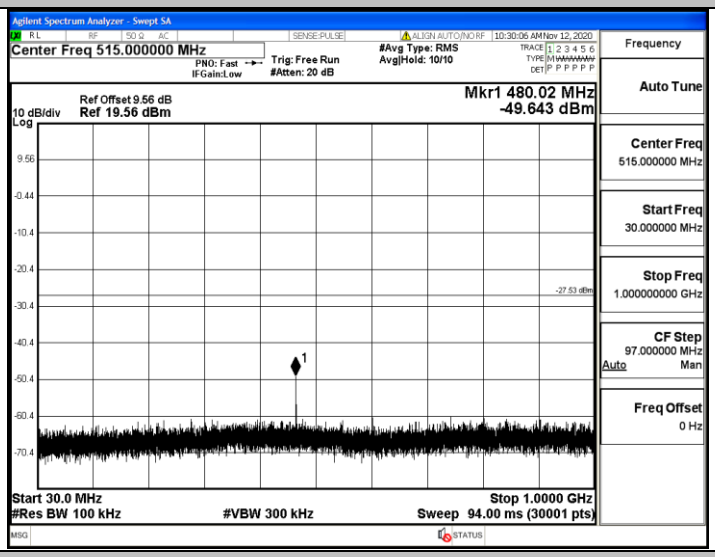

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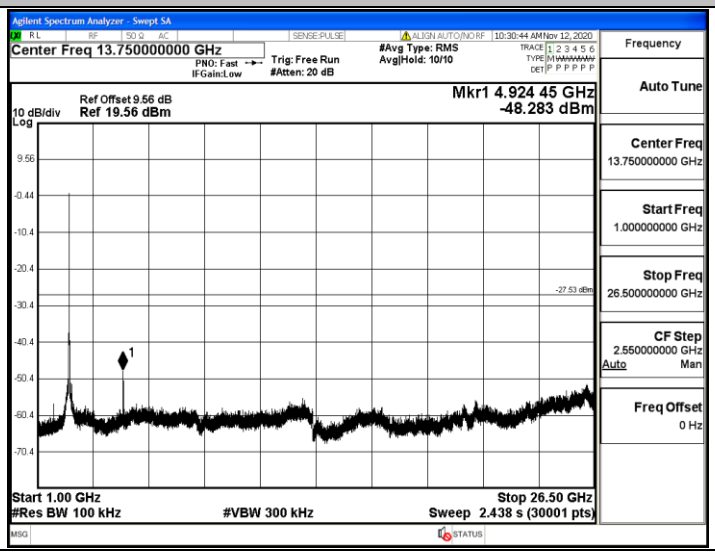

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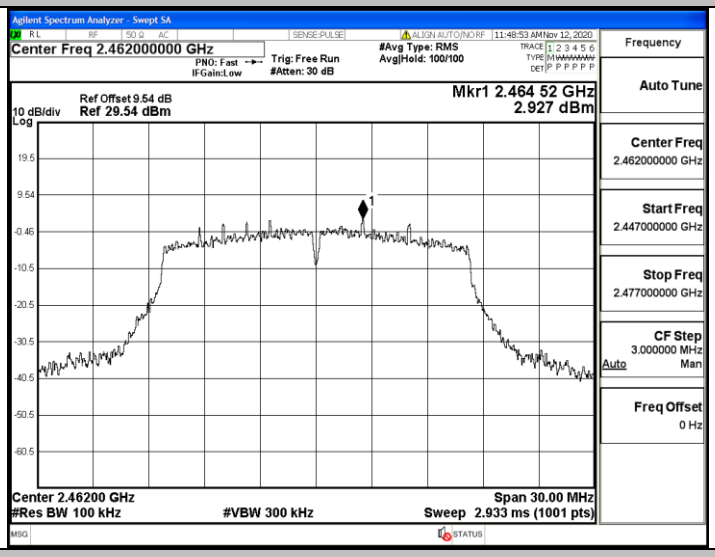

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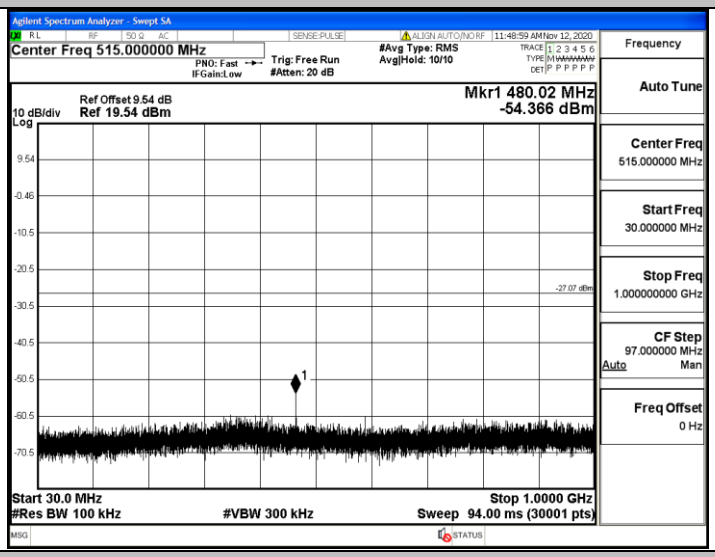

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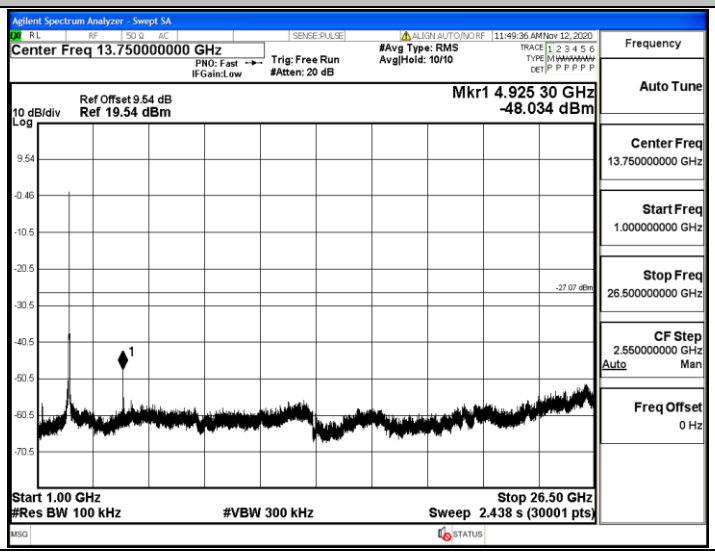

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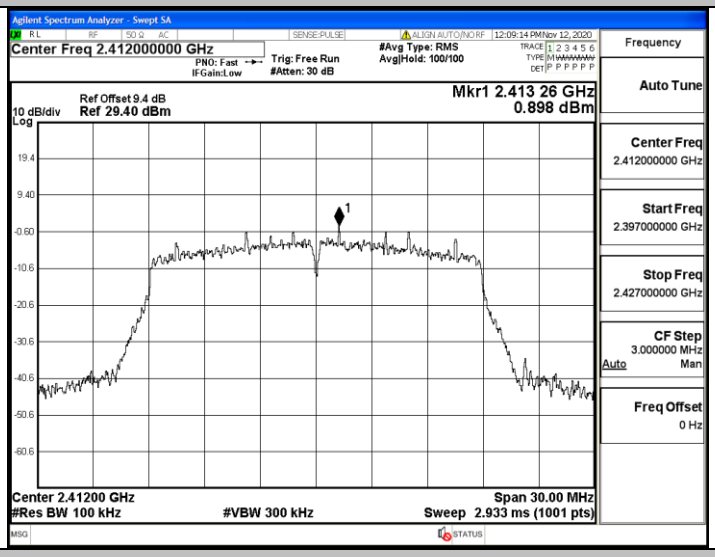

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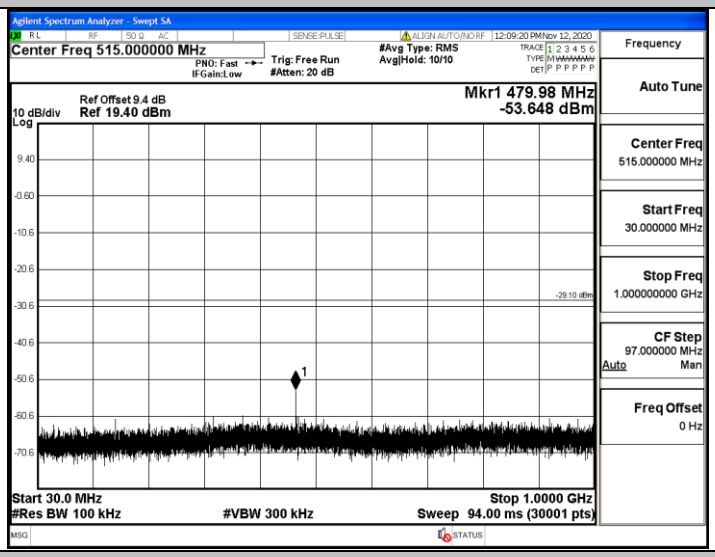

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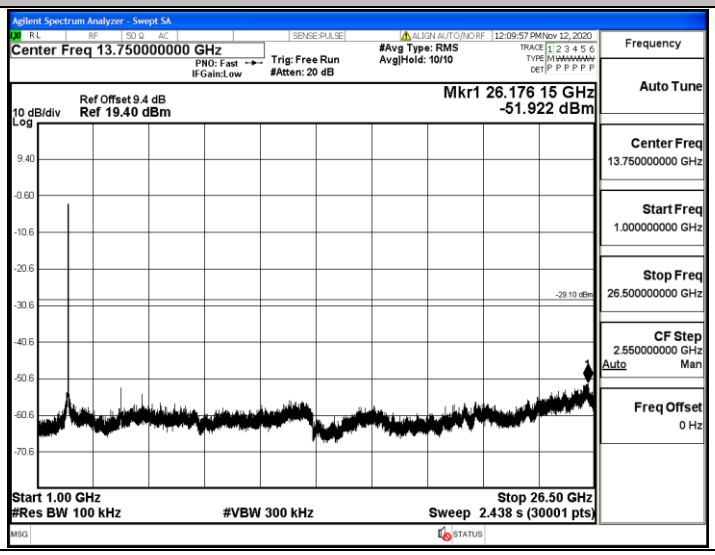

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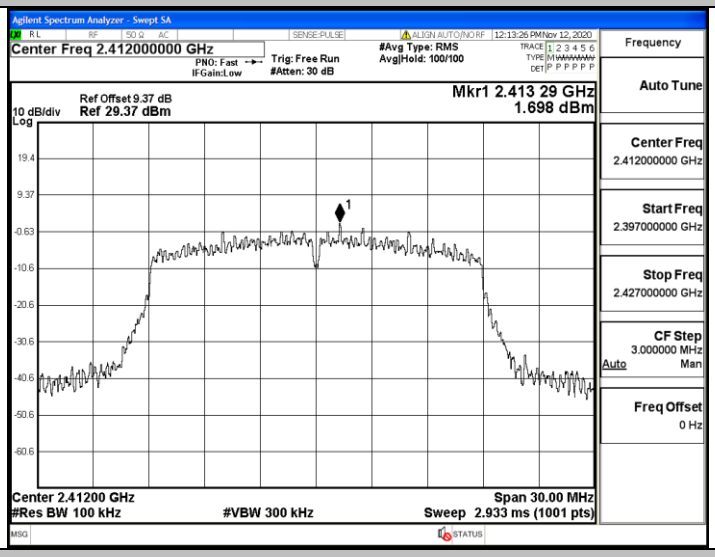

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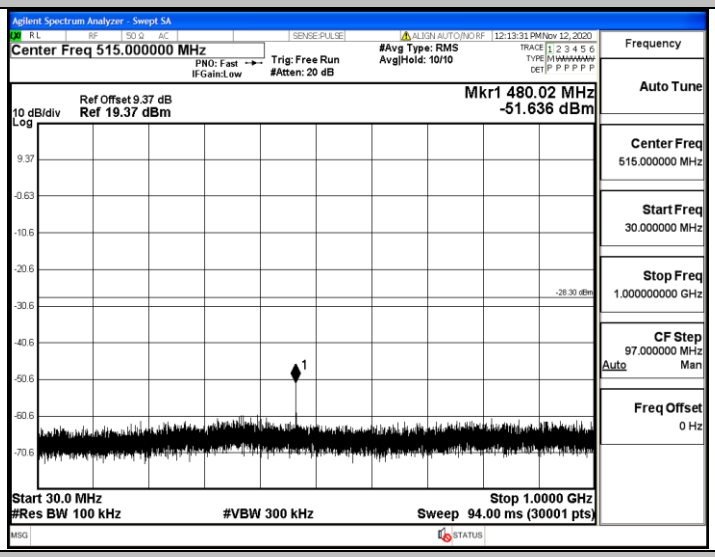

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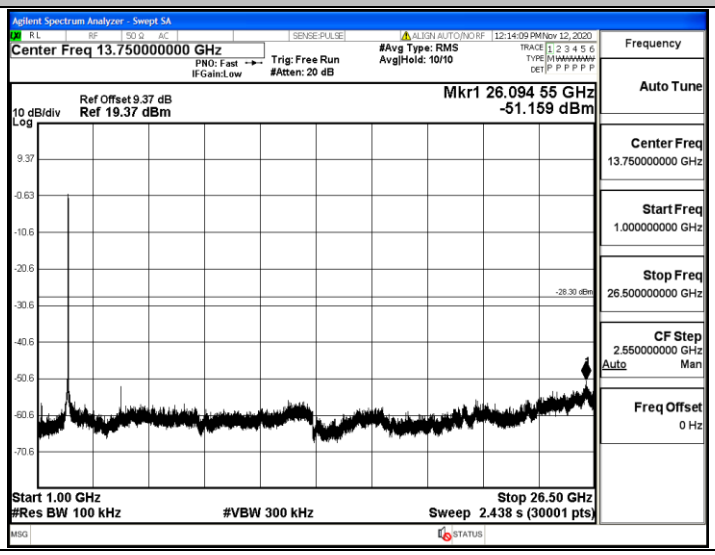

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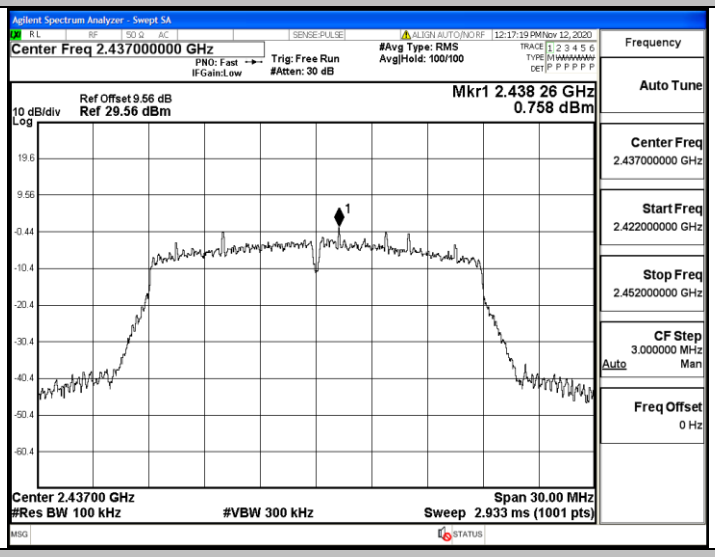

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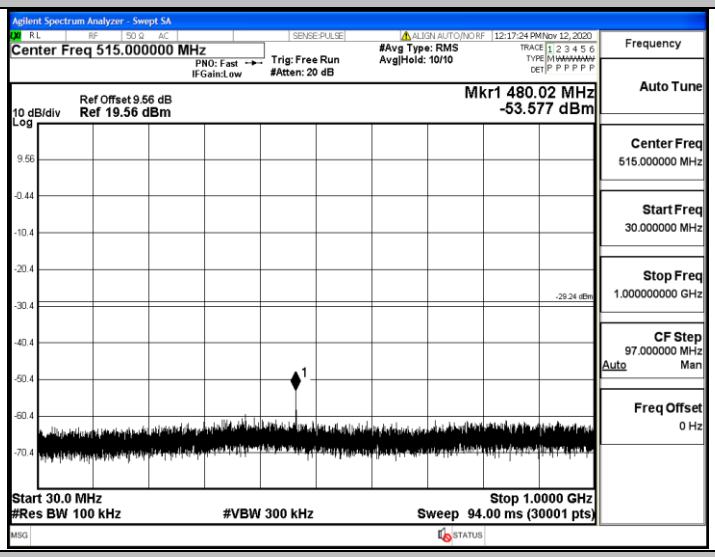

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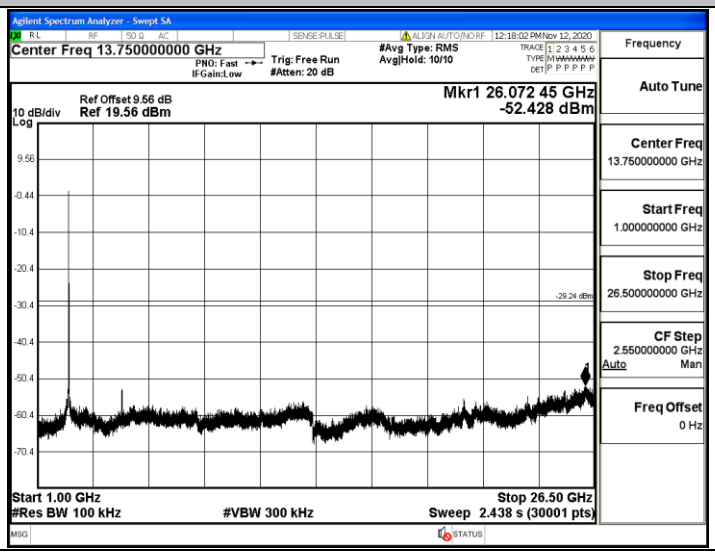

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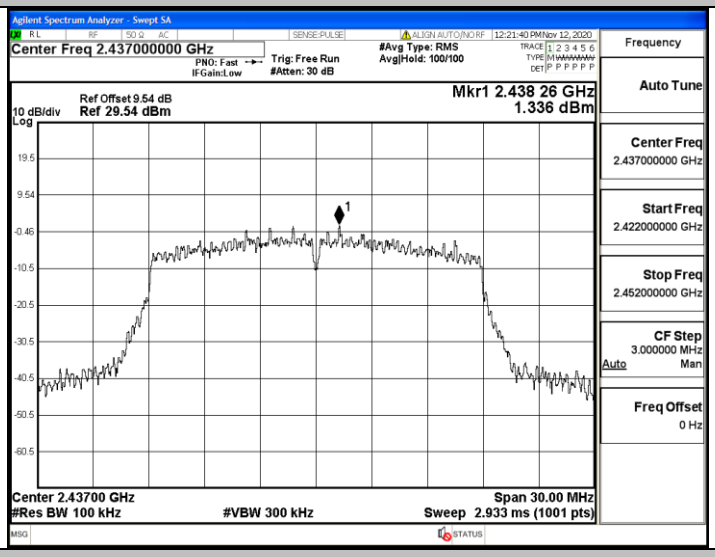

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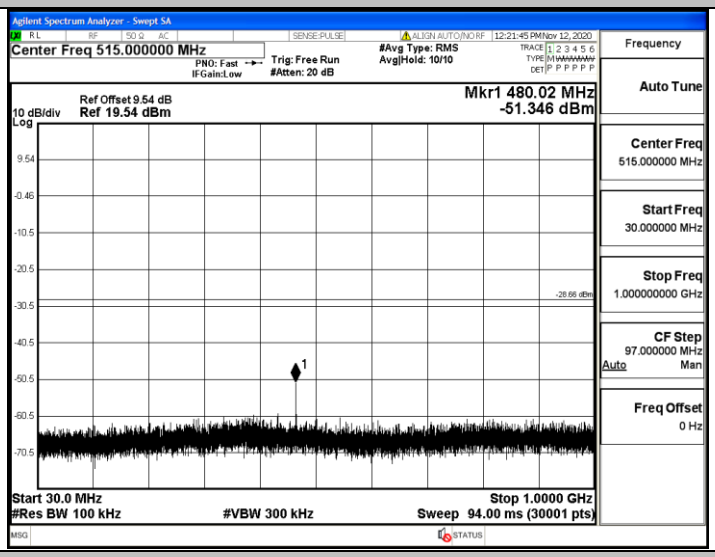

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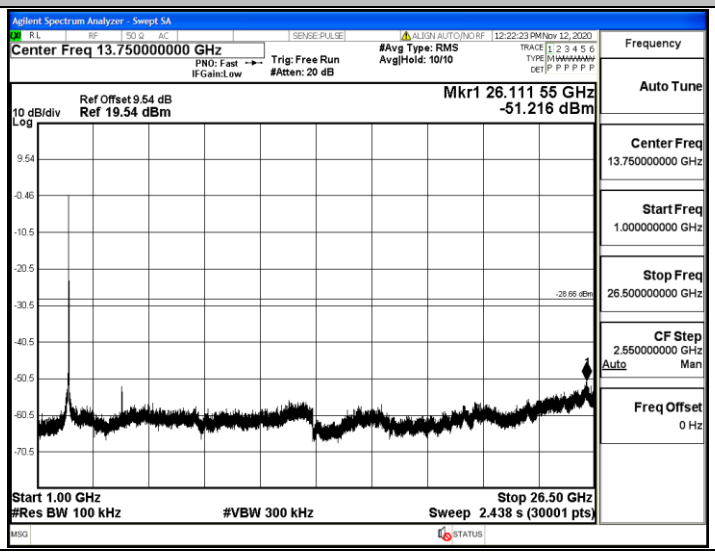

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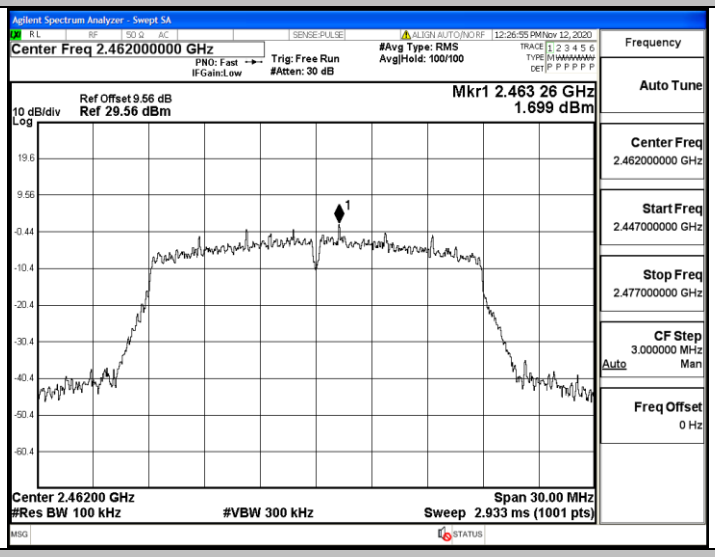

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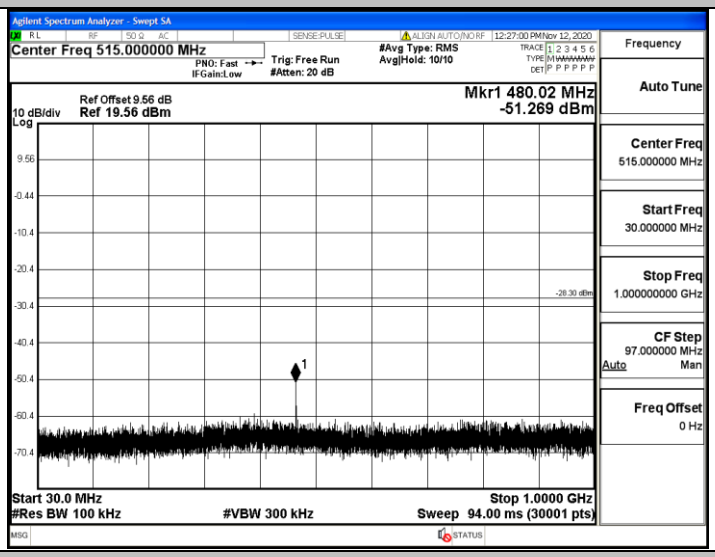

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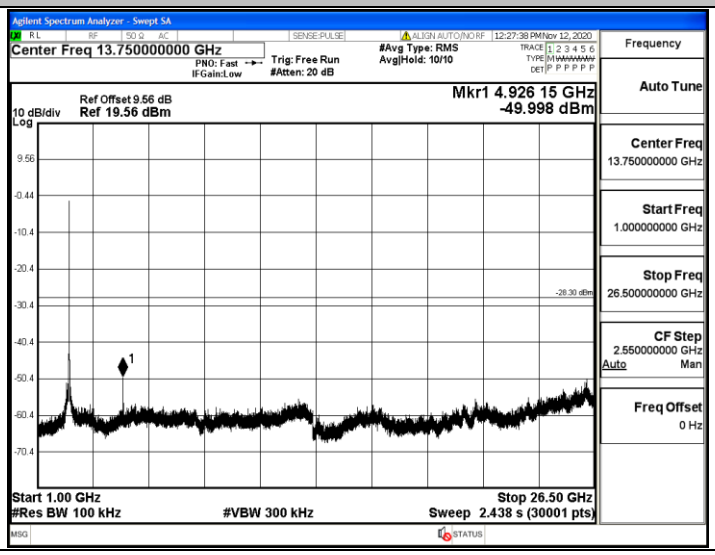

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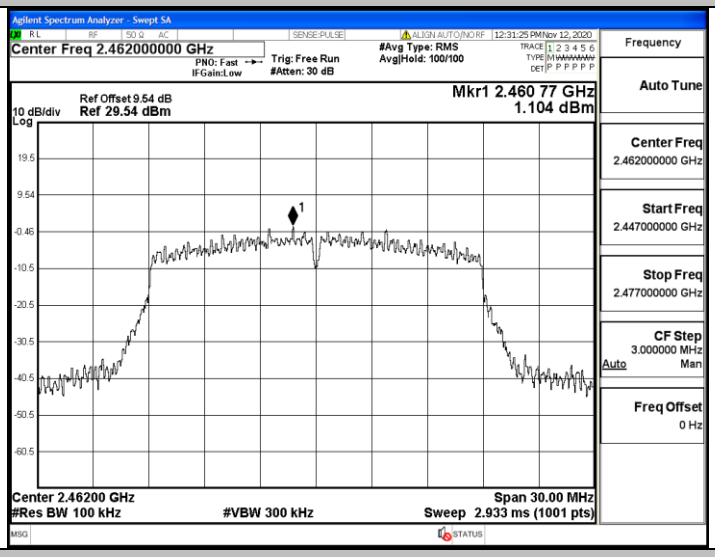

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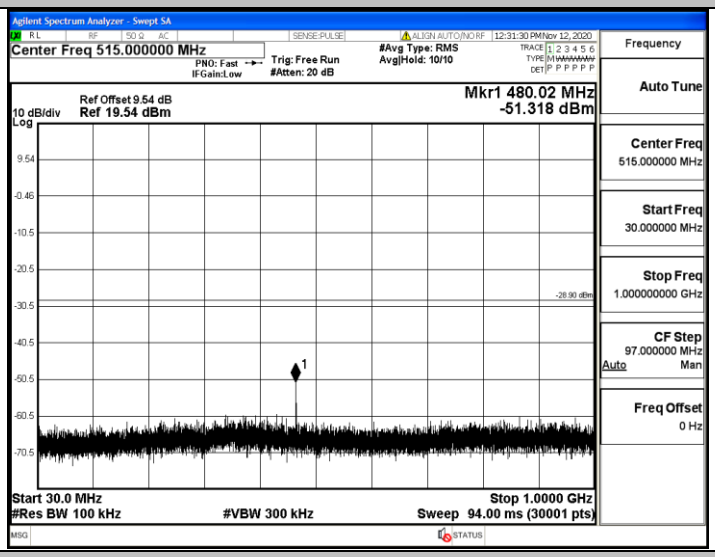

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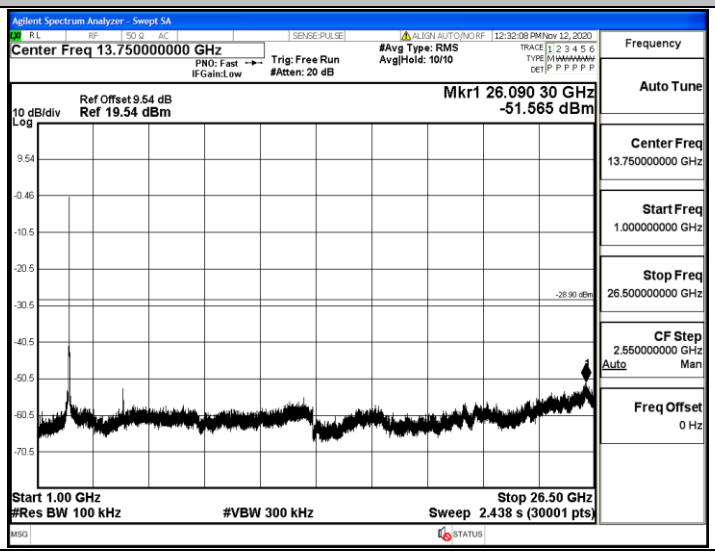

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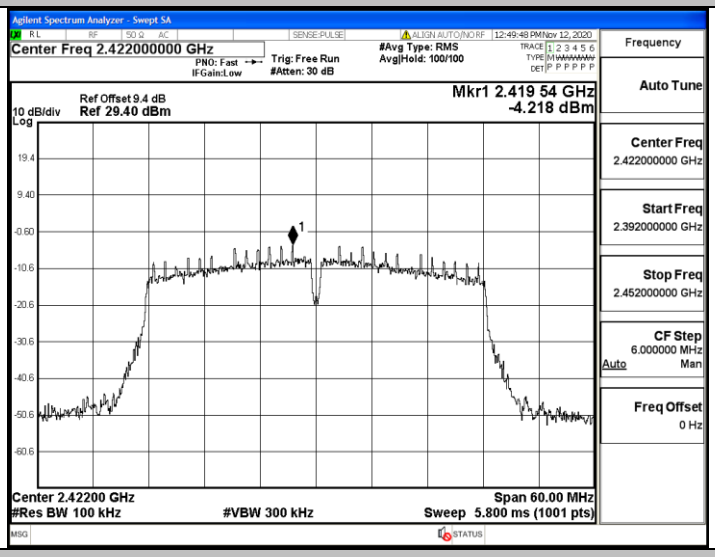

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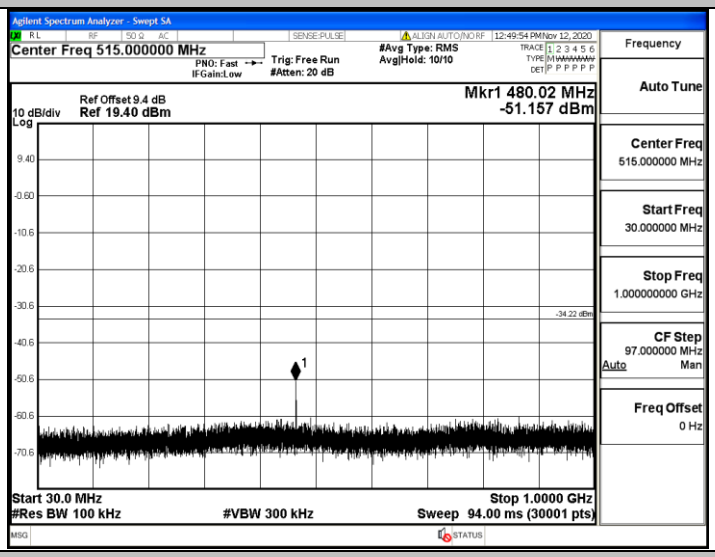
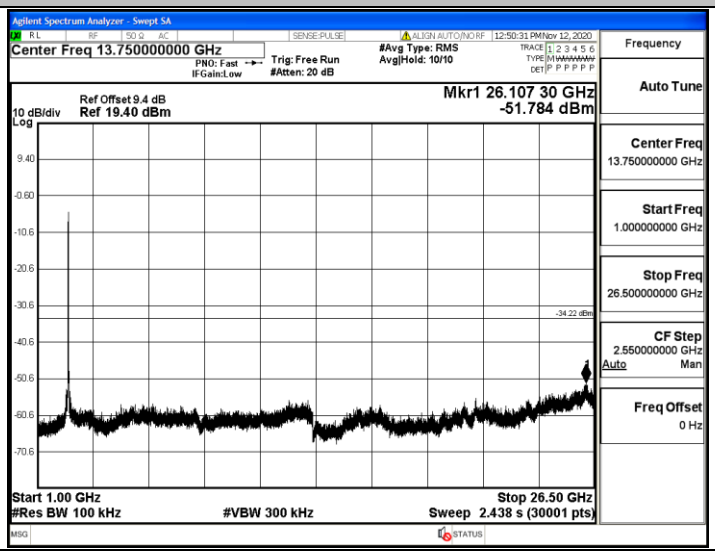
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