

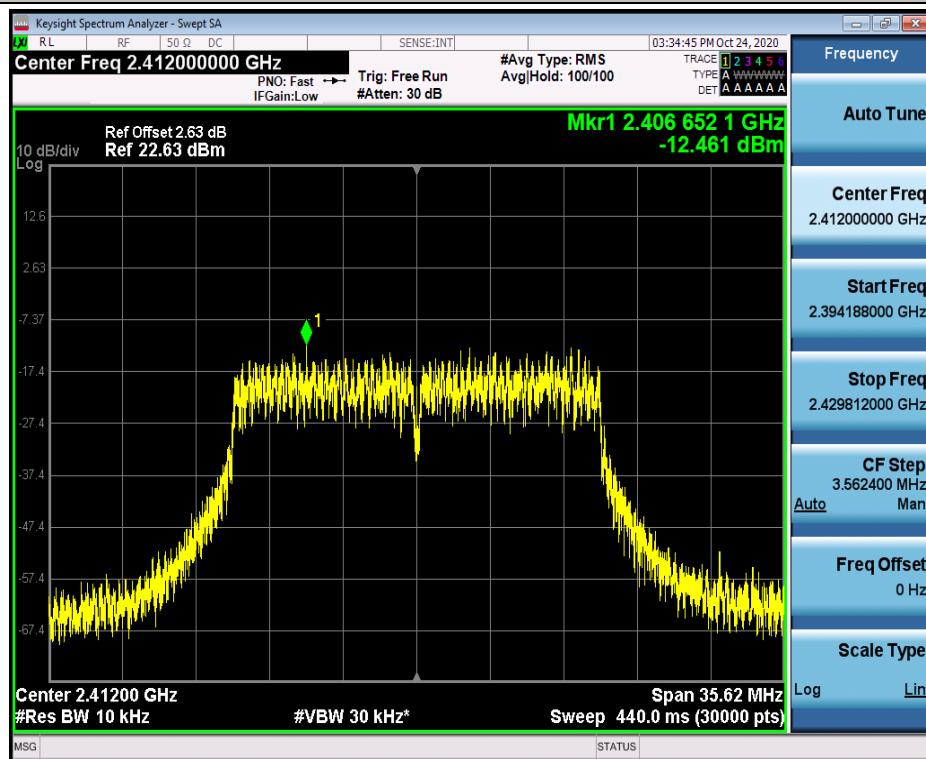
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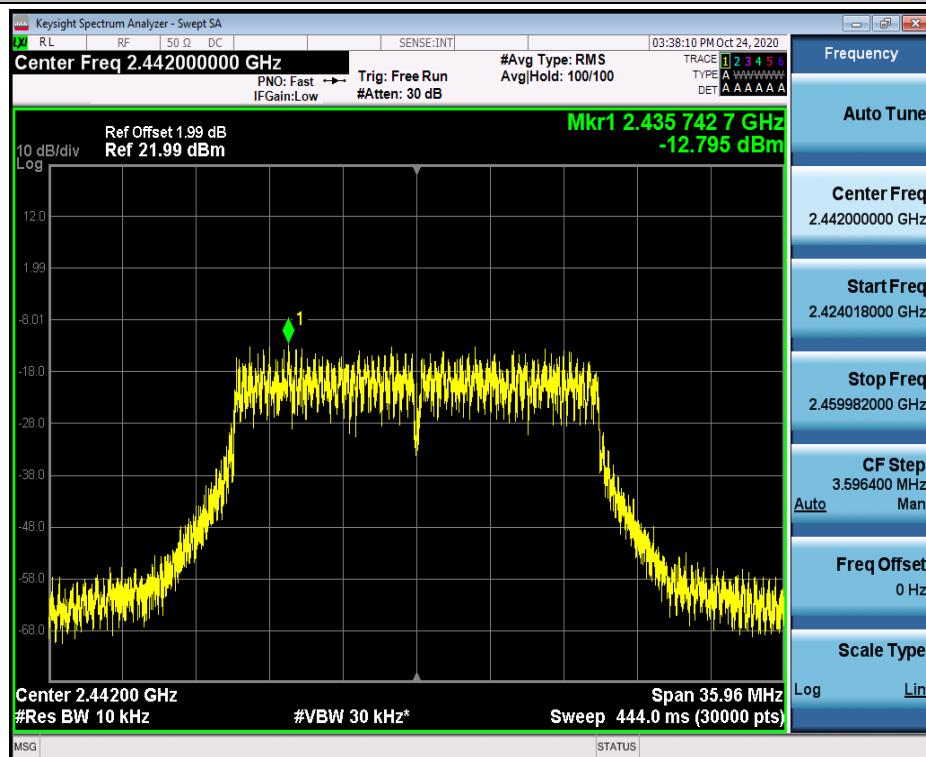


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## 11N20SISO\_Ant1\_2412



## 11N20SISO\_Ant1\_2442



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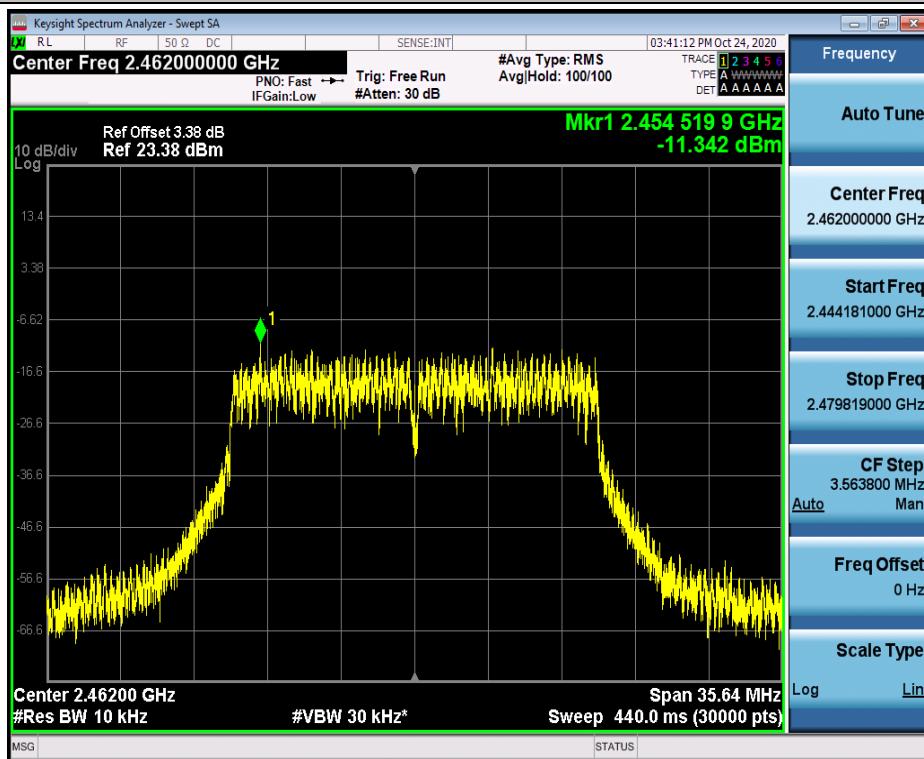


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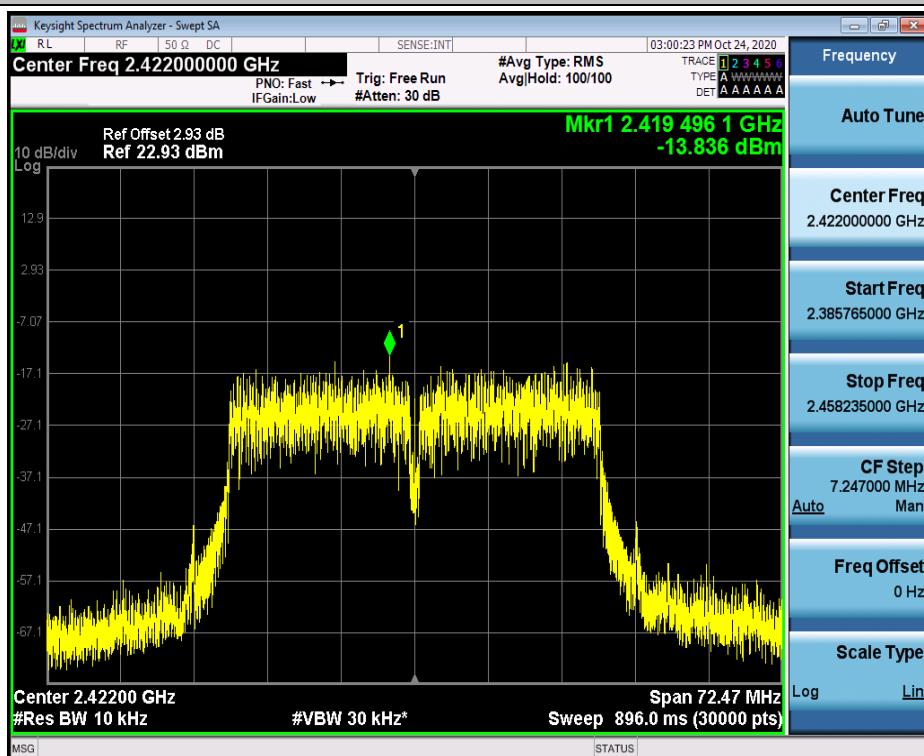
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## 11N20SISO\_Ant1\_2462



## 11N40SISO\_Ant1\_2422

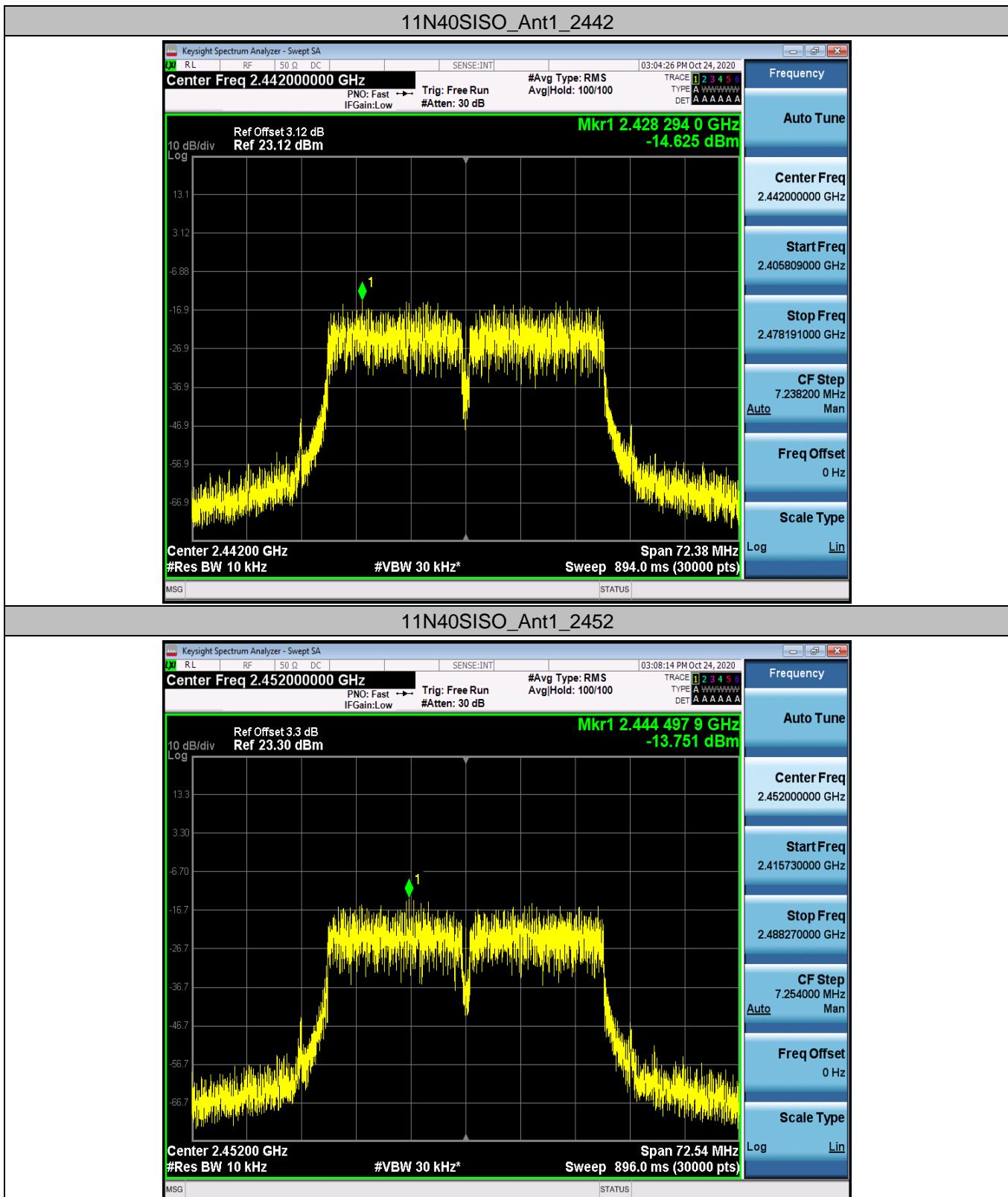


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## 8.5 Appendix D: Band edge measurements

### 8.5.1 Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M		Low	2402	7.22	-43.06	<=-12.78	PASS
		High	2480	7.35	-49.65	<=-12.65	PASS
11B		Low	2412	8.45	-41.52	<=-21.55	PASS
		High	2462	8.26	-53.01	<=-21.74	PASS
11G	Ant1	Low	2412	2.41	-35.58	<=-27.59	PASS
		High	2462	2.71	-46.58	<=-27.29	PASS
11N20SISO		Low	2412	1.42	-37.85	<=-28.59	PASS
		High	2462	1.72	-48.00	<=-28.28	PASS
11N40SISO		Low	2422	-1.79	-37.71	<=-31.79	PASS
		High	2452	-1.29	-41.15	<=-31.29	PASS

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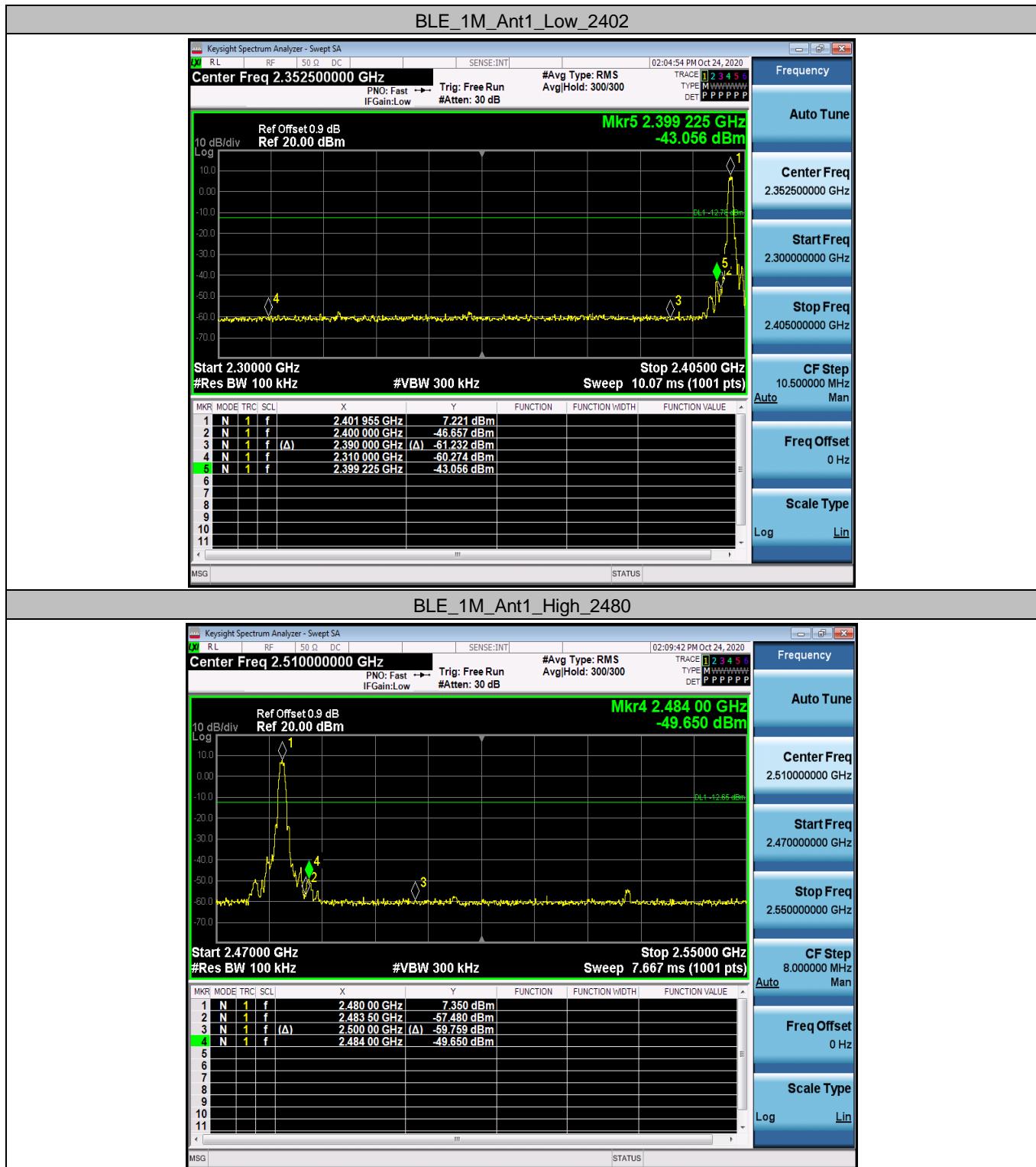
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## 8.5.2 Test Graphs



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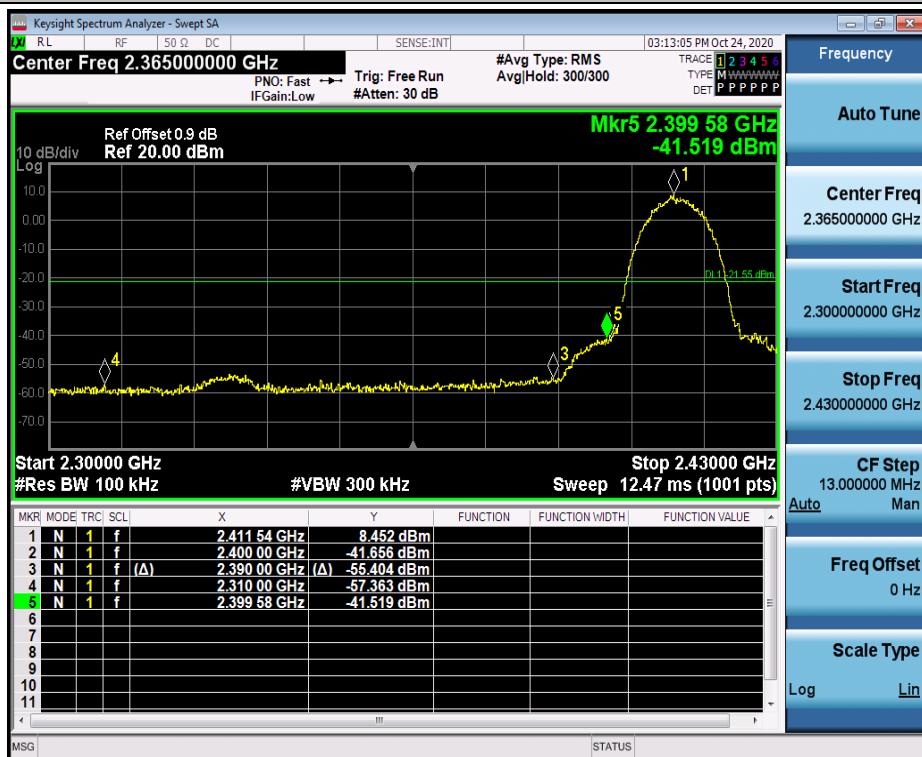


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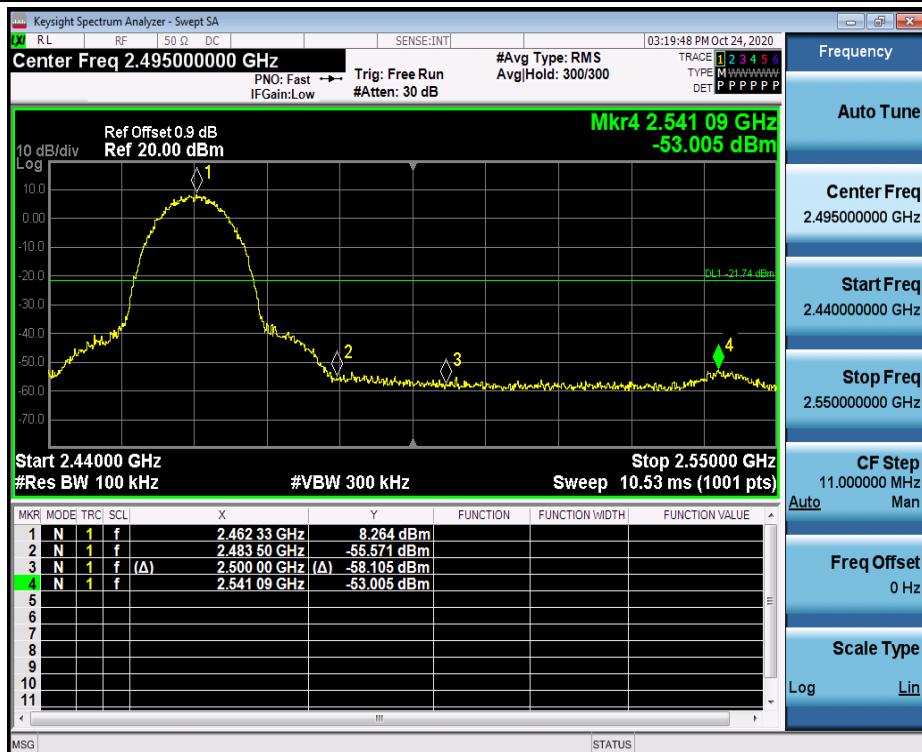
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## 11B\_Ant1\_Low\_2412



## 11B\_Ant1\_High\_2462



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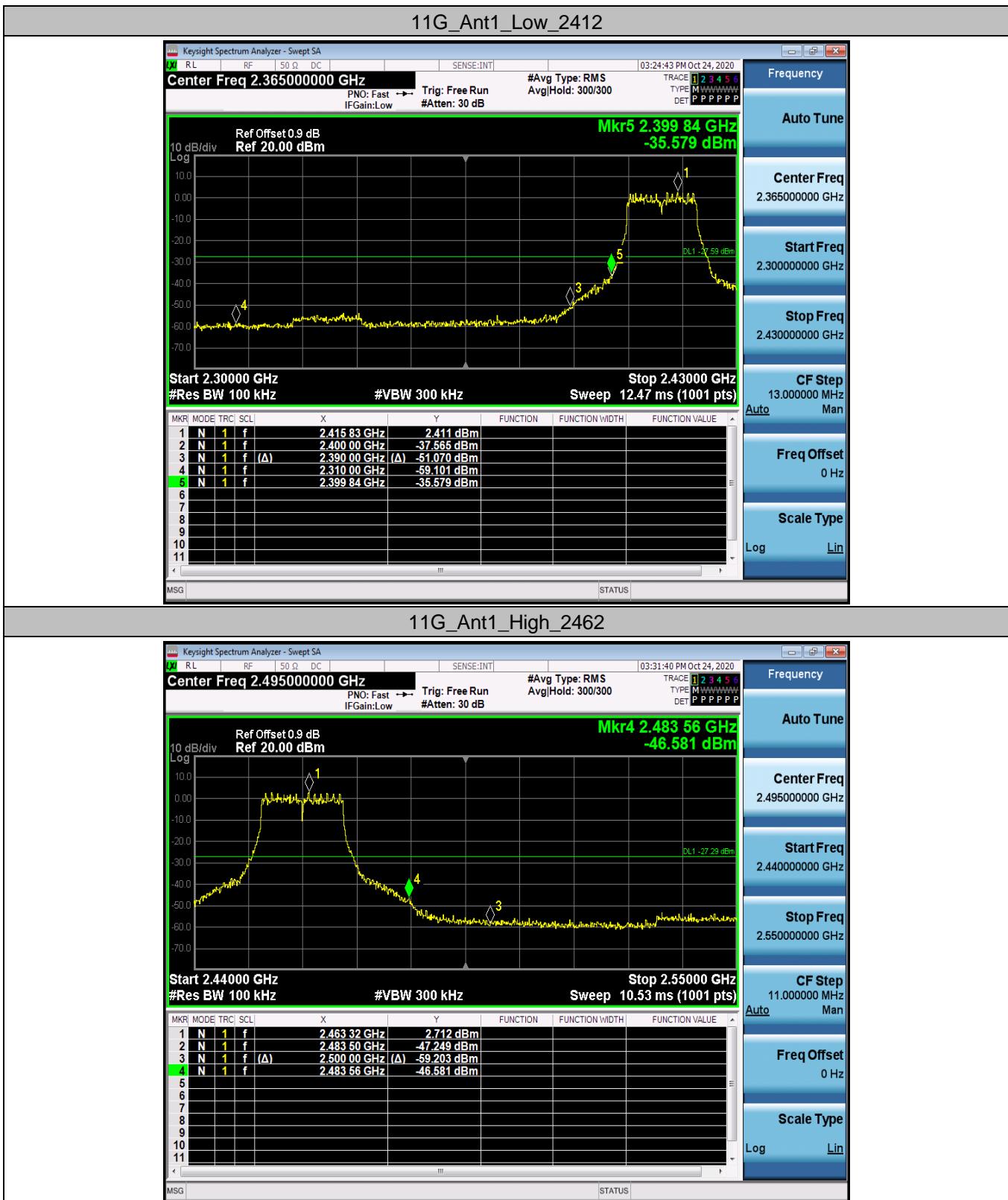
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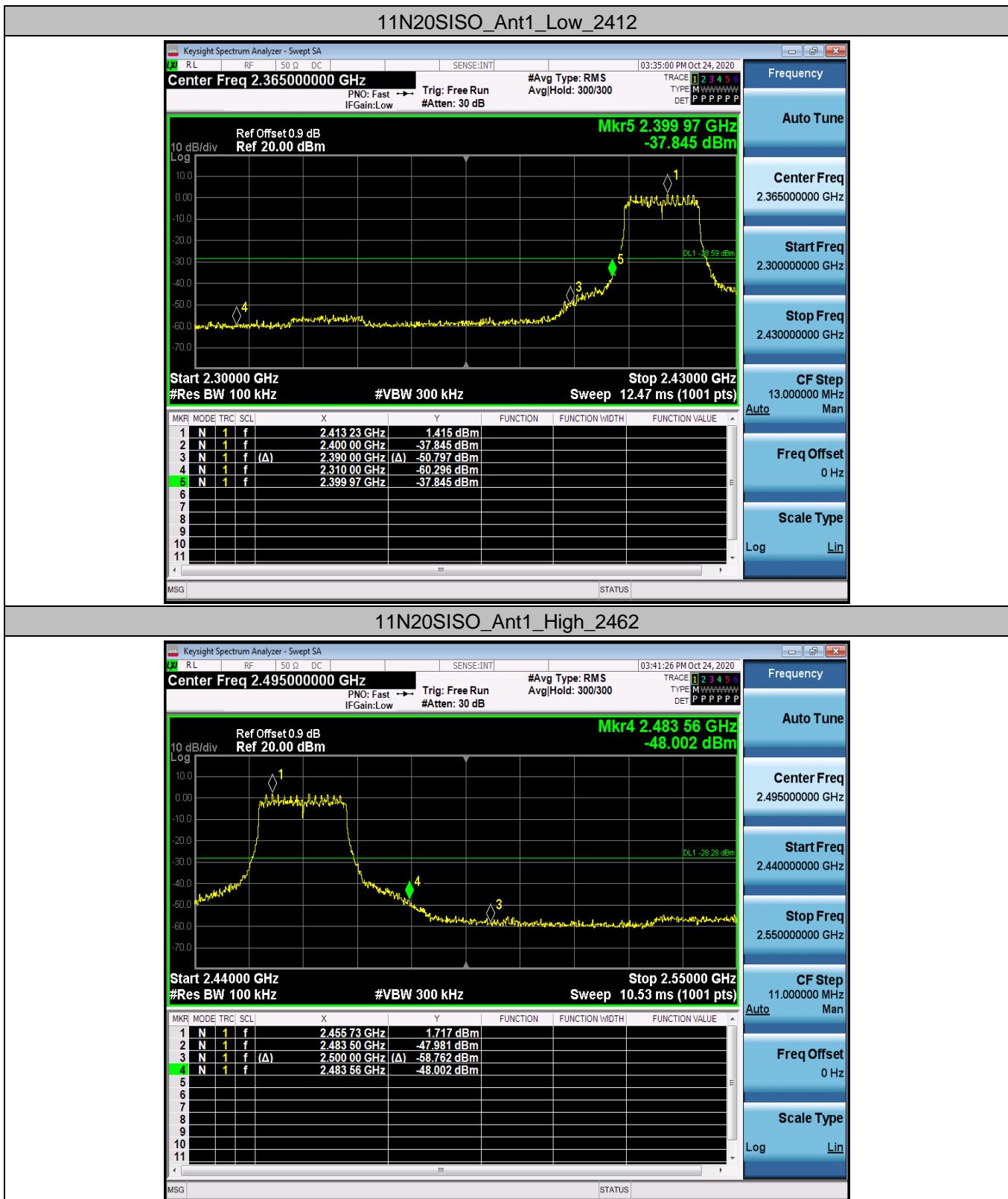
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## 8.6 Appendix E: Conducted Spurious Emission

## 8.6.1 Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	7.09	7.09	---	PASS
			30~1000	30~1000	-70.182	<=-12.907	PASS
			1000~26500	1000~26500	-45.143	<=-12.907	PASS
		2440	Reference	7.36	7.36	---	PASS
			30~1000	30~1000	-70.386	<=-12.639	PASS
			1000~26500	1000~26500	-46.314	<=-12.639	PASS
		2480	Reference	7.26	7.26	---	PASS
			30~1000	30~1000	-70.45	<=-12.74	PASS
			1000~26500	1000~26500	-47.058	<=-12.74	PASS
11B	Ant1	2412	Reference	7.82	7.82	---	PASS
			30~1000	30~1000	-69.94	<=-12.184	PASS
			1000~26500	1000~26500	-32.184	<=-12.184	PASS
		2442	Reference	8.81	8.81	---	PASS
			30~1000	30~1000	-69.511	<=-11.192	PASS
			1000~26500	1000~26500	-33.836	<=-11.192	PASS
		2462	Reference	9.94	9.94	---	PASS
			30~1000	30~1000	-70.683	<=-10.057	PASS
			1000~26500	1000~26500	-47.478	<=-10.057	PASS
11G	Ant1	2412	Reference	2.57	2.57	---	PASS
			30~1000	30~1000	-70.058	<=-17.431	PASS
			1000~26500	1000~26500	-44.656	<=-17.431	PASS
		2442	Reference	3.03	3.03	---	PASS
			30~1000	30~1000	-71.114	<=-16.974	PASS
			1000~26500	1000~26500	-49.34	<=-16.974	PASS
		2462	Reference	2.68	2.68	---	PASS
			30~1000	30~1000	-70.821	<=-17.32	PASS
			1000~26500	1000~26500	-53.824	<=-17.32	PASS
11N20SISO	Ant1	2412	Reference	1.19	1.19	---	PASS
			30~1000	30~1000	-70.102	<=-18.813	PASS
			1000~26500	1000~26500	-49.878	<=-18.813	PASS
		2442	Reference	1.92	1.92	---	PASS
			30~1000	30~1000	-70.24	<=-18.08	PASS
			1000~26500	1000~26500	-48.328	<=-18.08	PASS
		2462	Reference	1.68	1.68	---	PASS
			30~1000	30~1000	-69.712	<=-18.319	PASS
			1000~26500	1000~26500	-51.6	<=-18.319	PASS
11N40SISO	Ant1	2422	Reference	-1.46	-1.46	---	PASS
			30~1000	30~1000	-62.655	<=-21.455	PASS
			1000~26500	1000~26500	-50.605	<=-21.455	PASS
		2442	Reference	-1.30	-1.30	---	PASS
			30~1000	30~1000	-66.815	<=-21.297	PASS
			1000~26500	1000~26500	-50.42	<=-21.297	PASS
		2452	Reference	-1.28	-1.28	---	PASS
			30~1000	30~1000	-67.507	<=-21.284	PASS
			1000~26500	1000~26500	-53.613	<=-21.284	PASS

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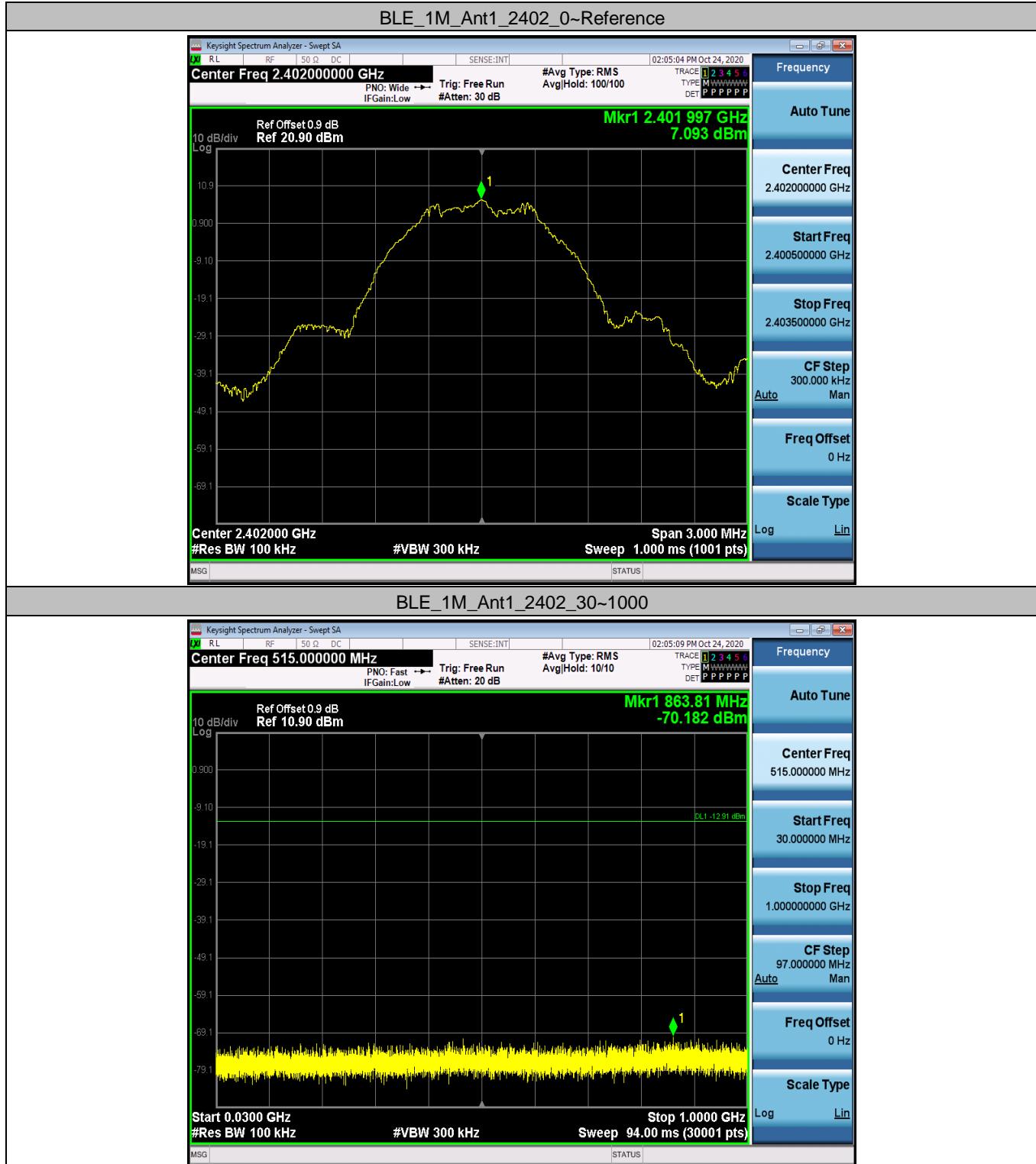
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## 8.6.2 Test Graphs



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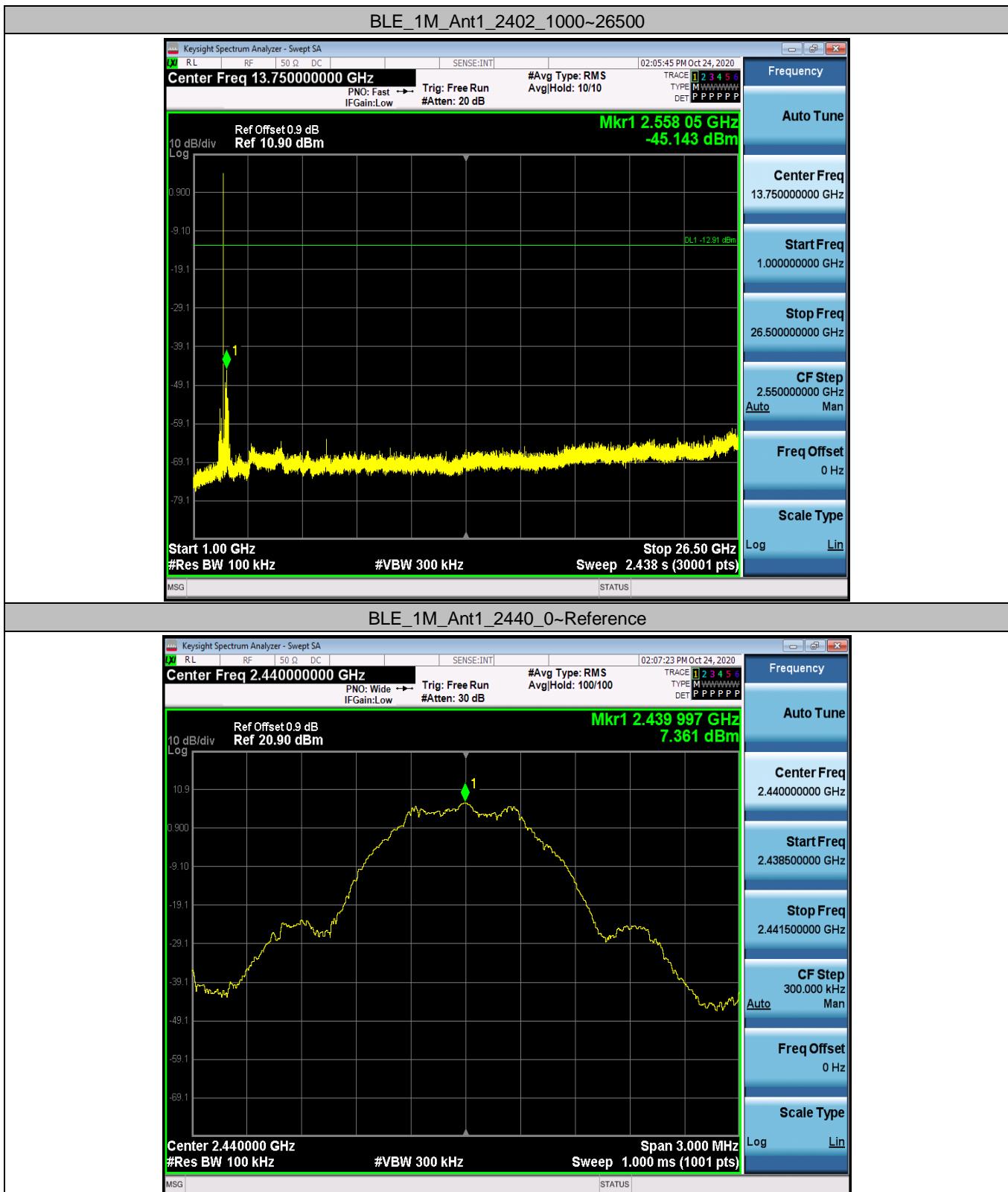
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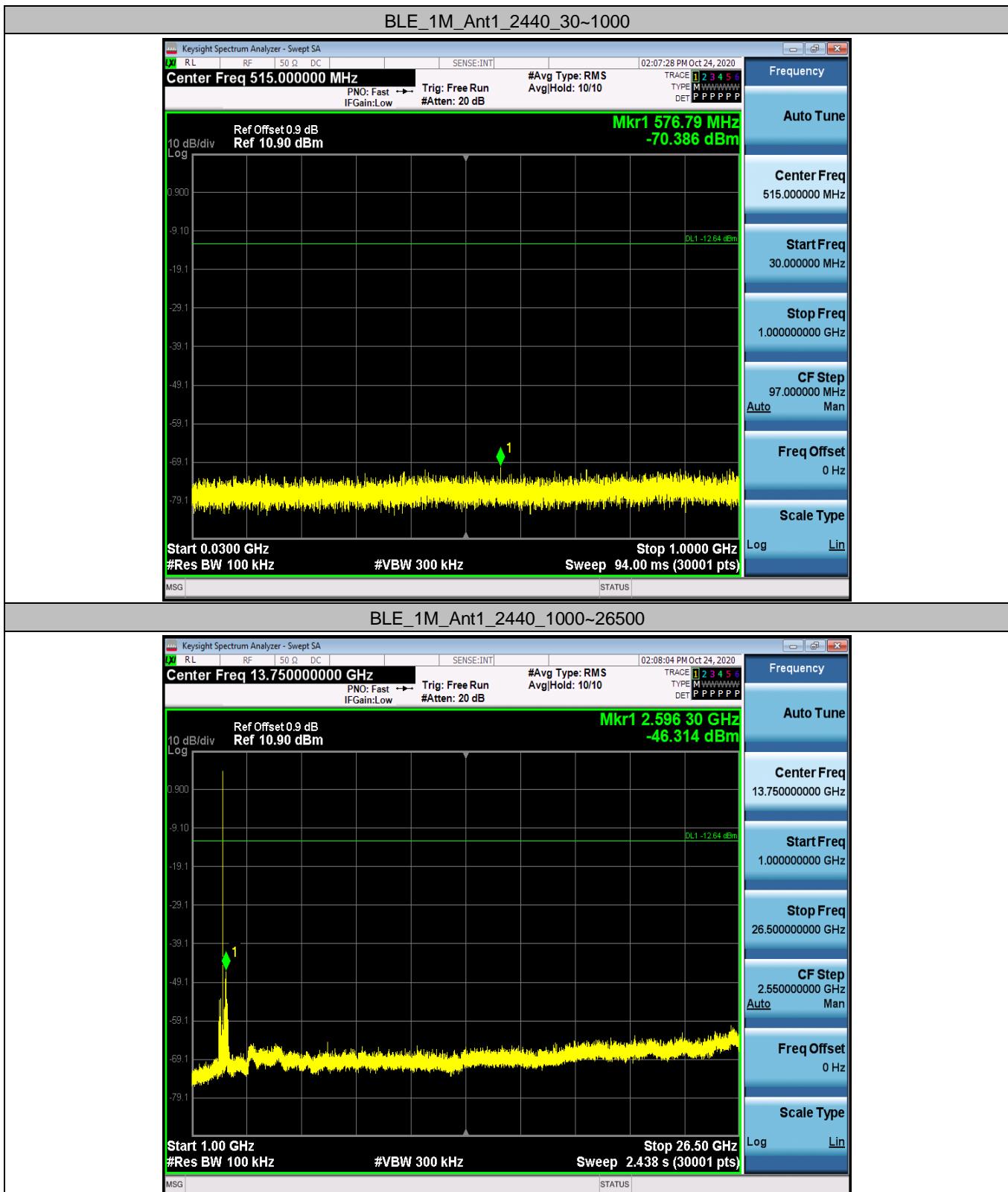


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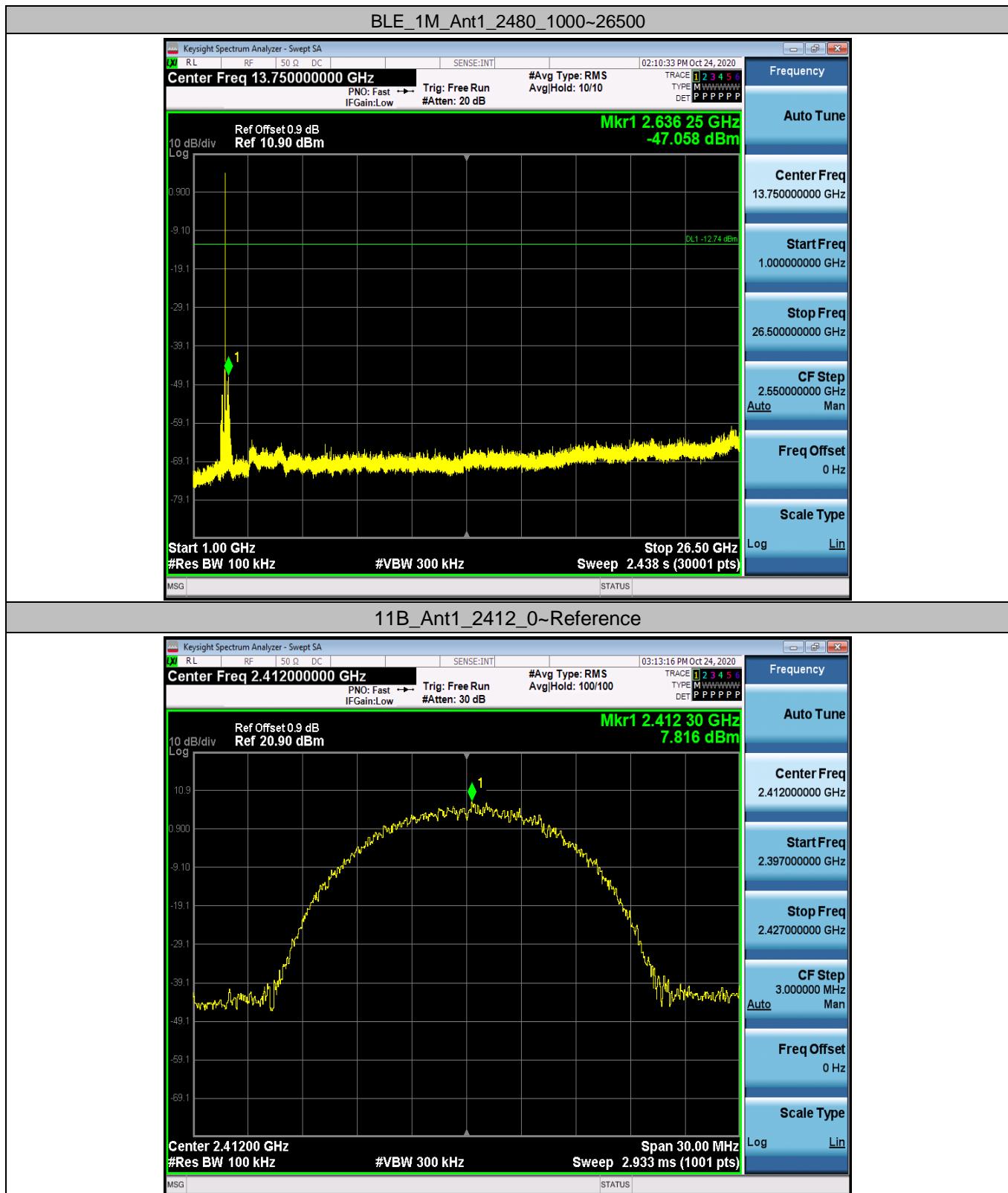
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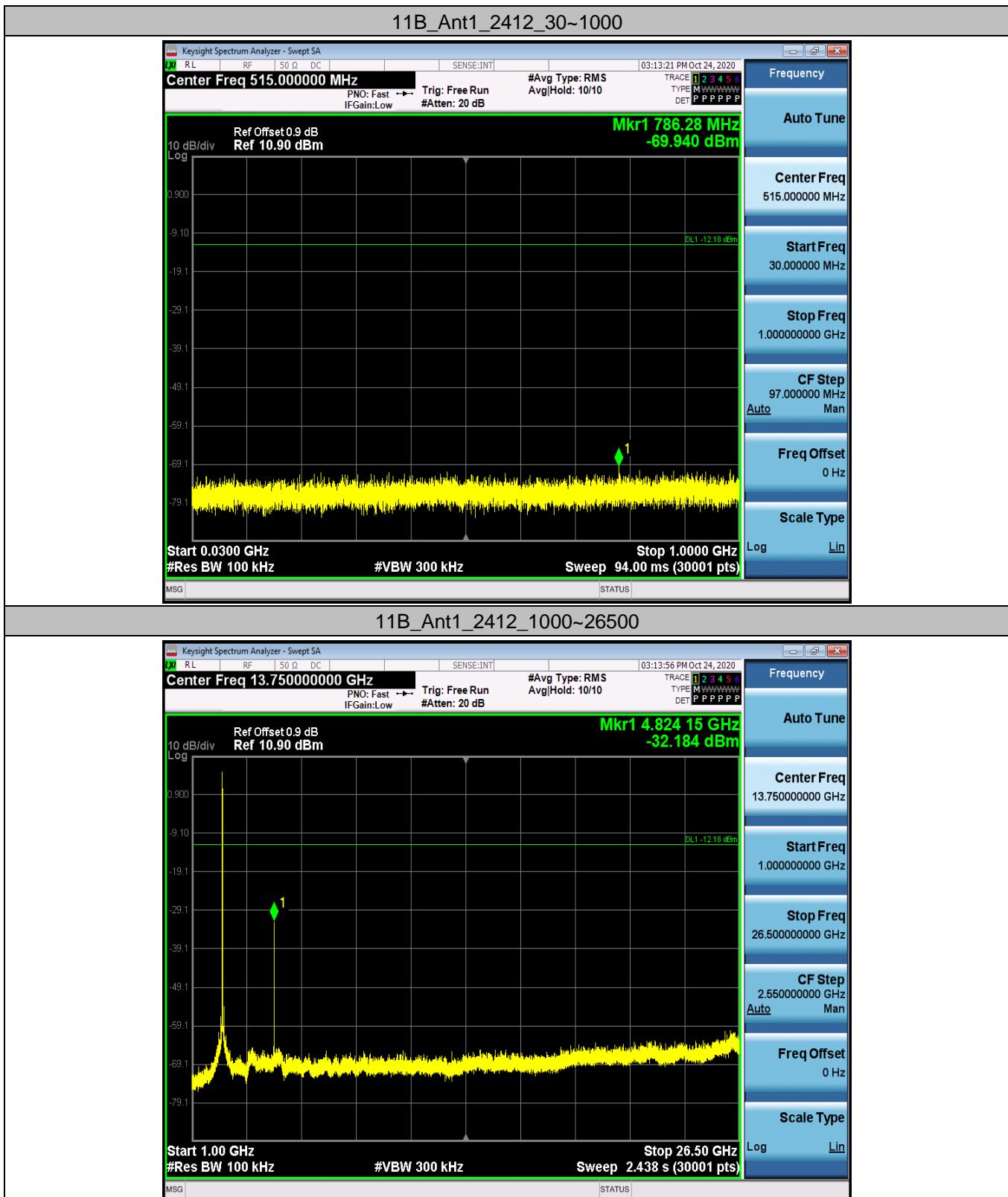
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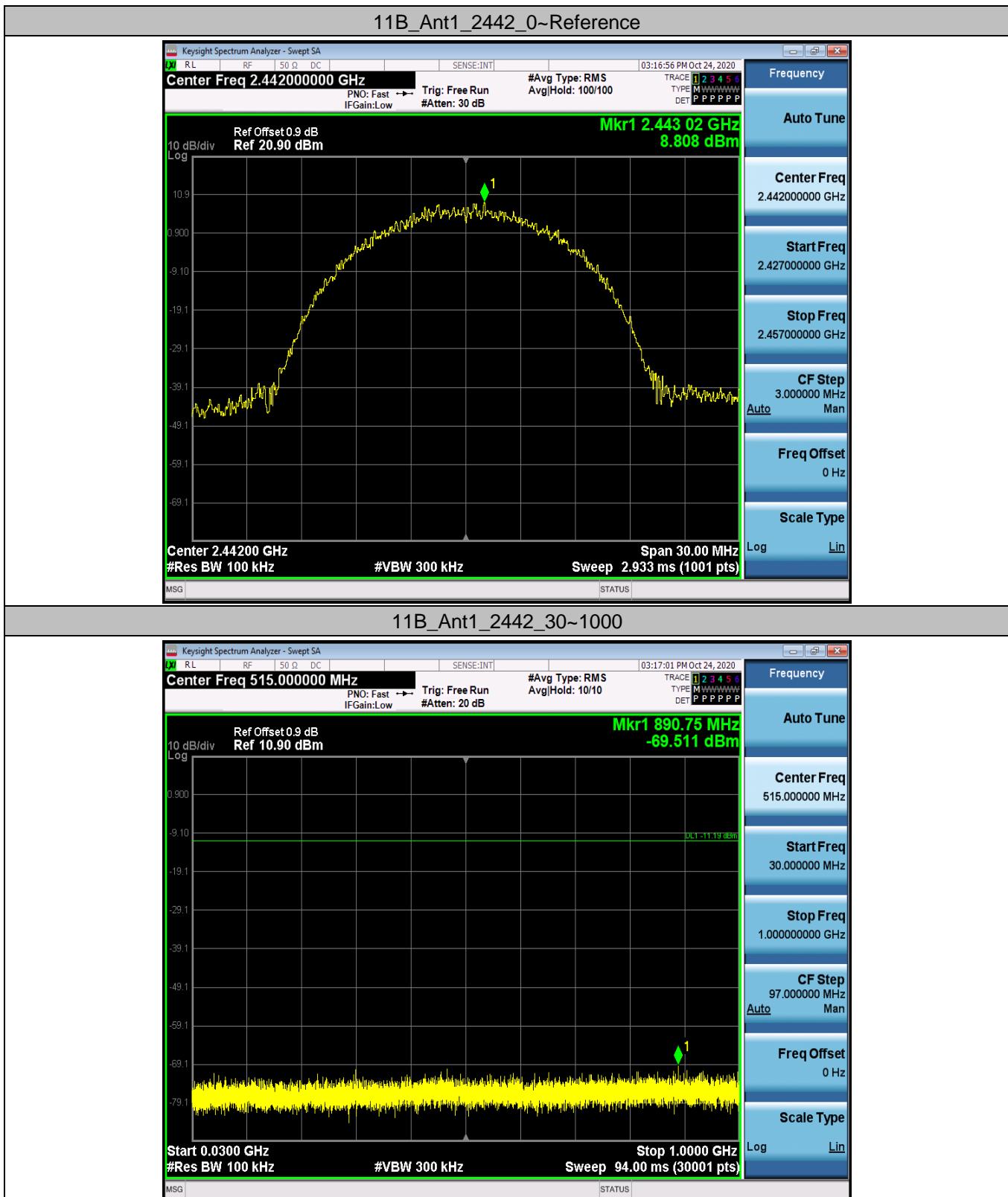
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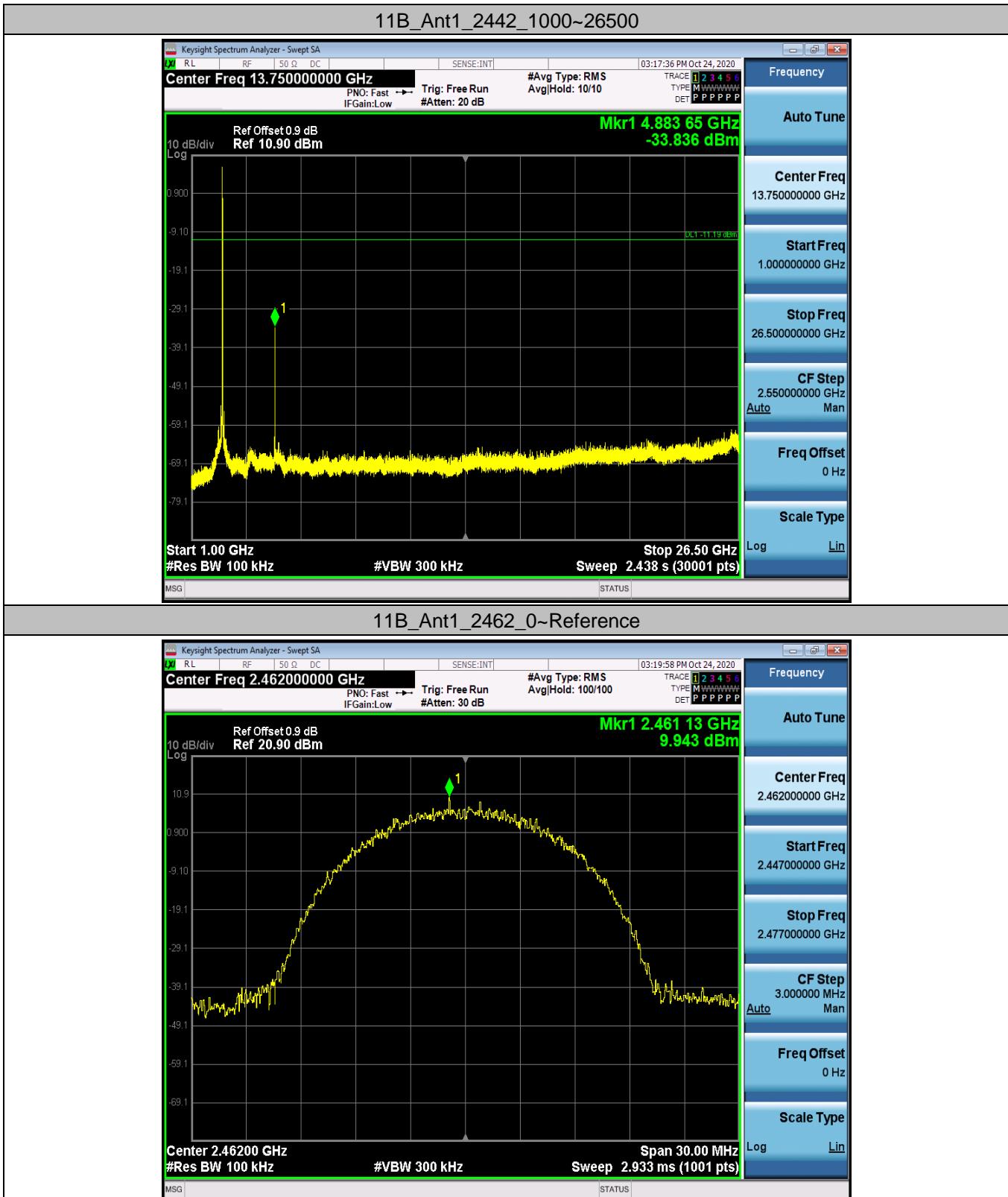


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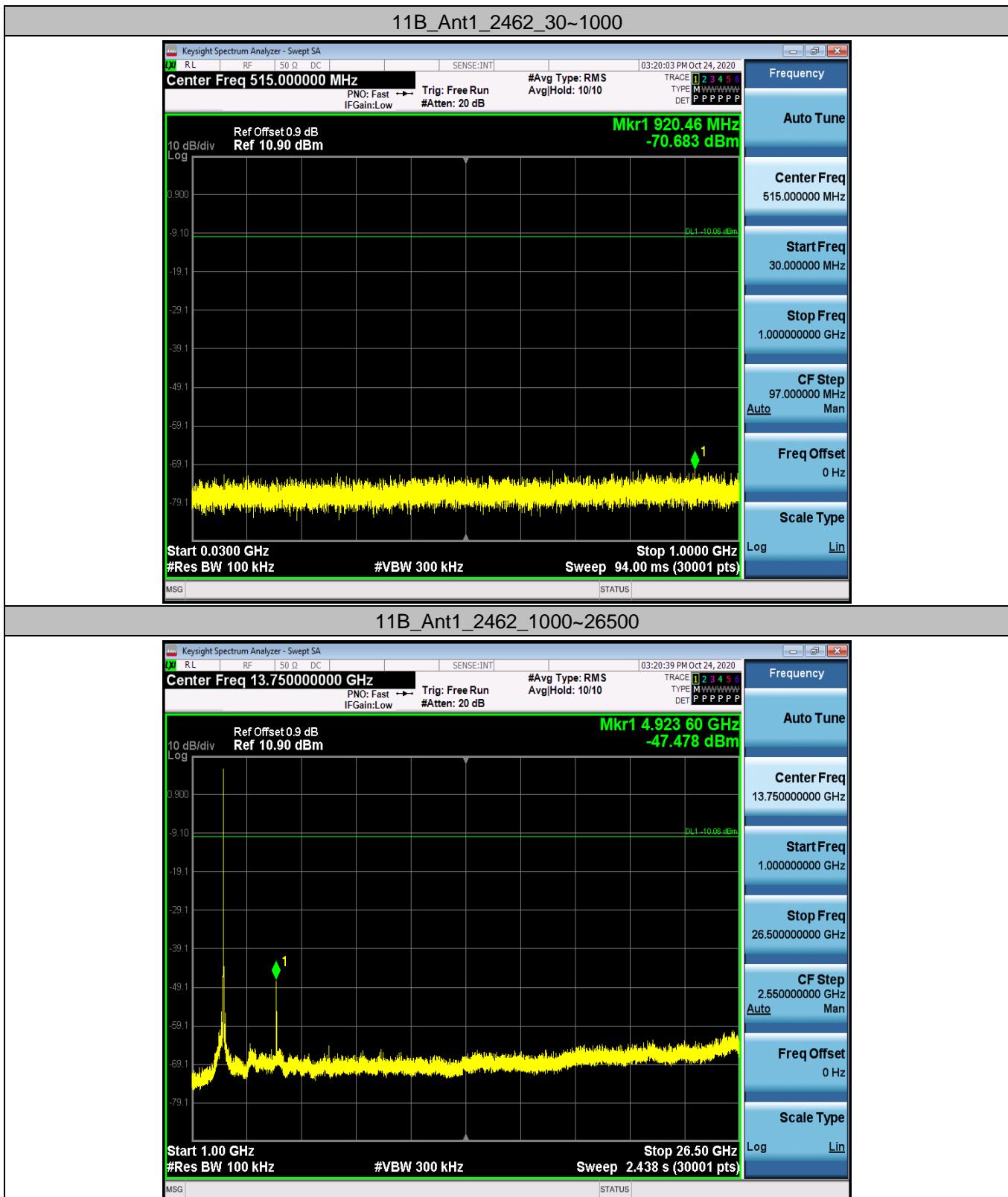
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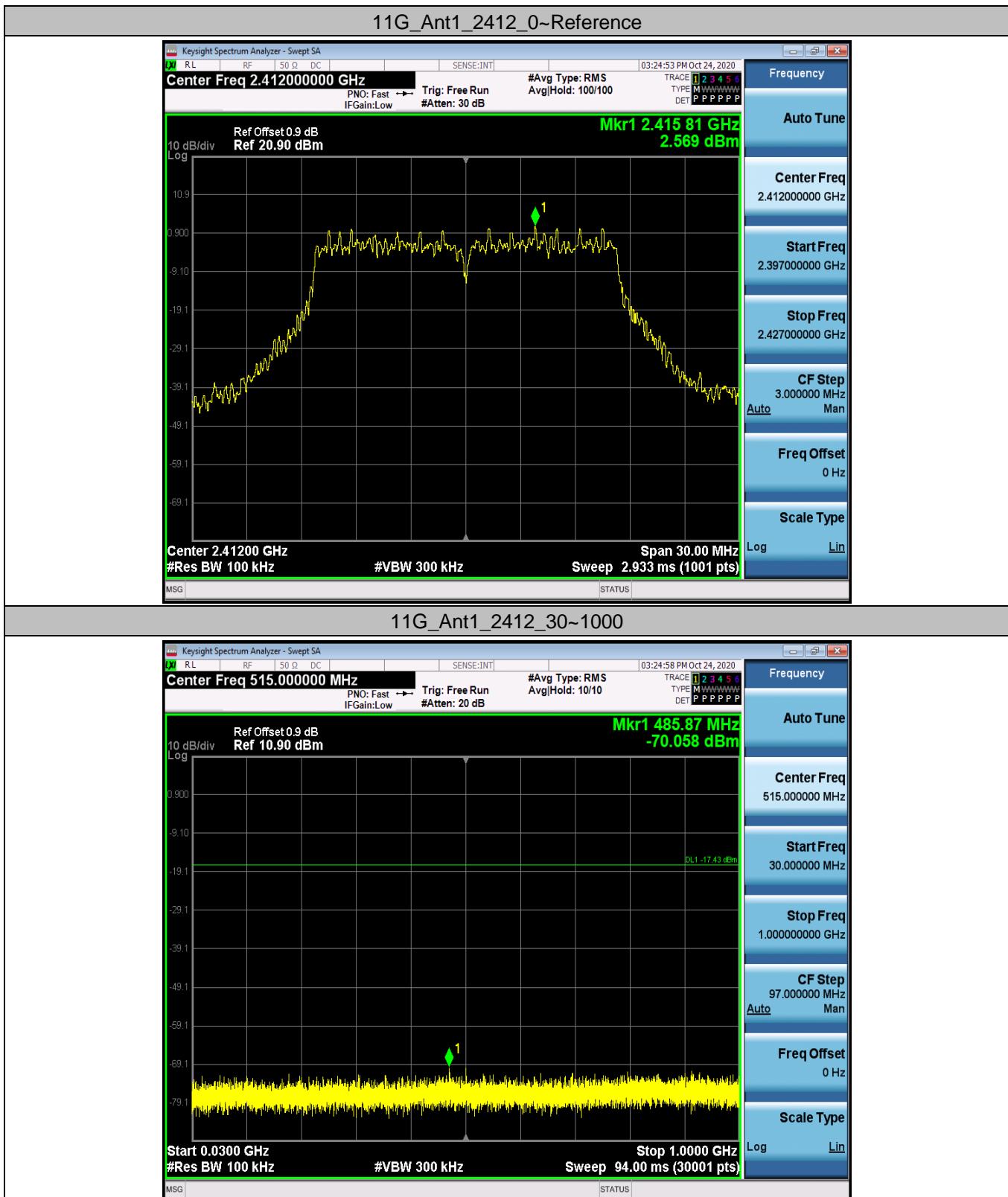


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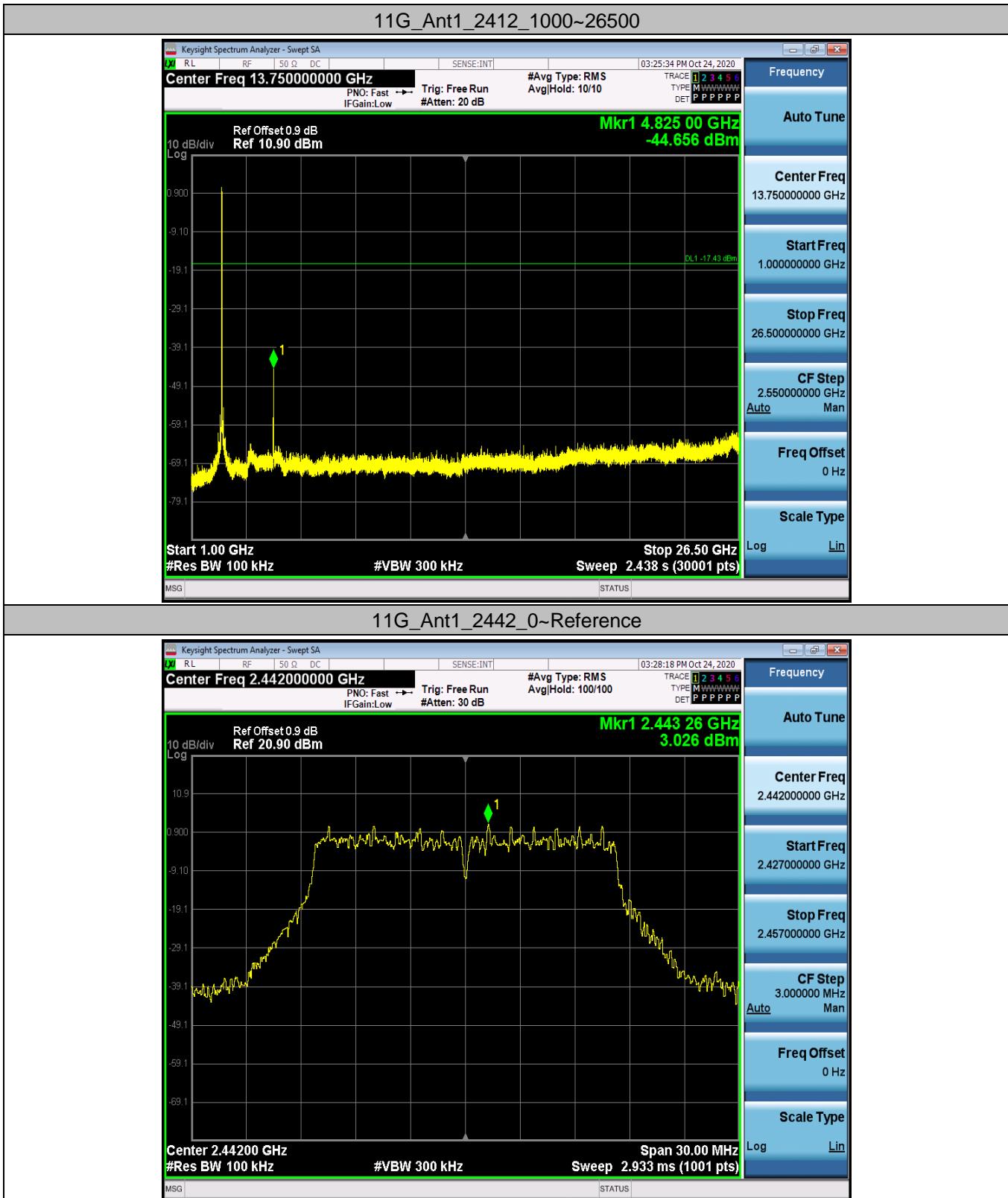


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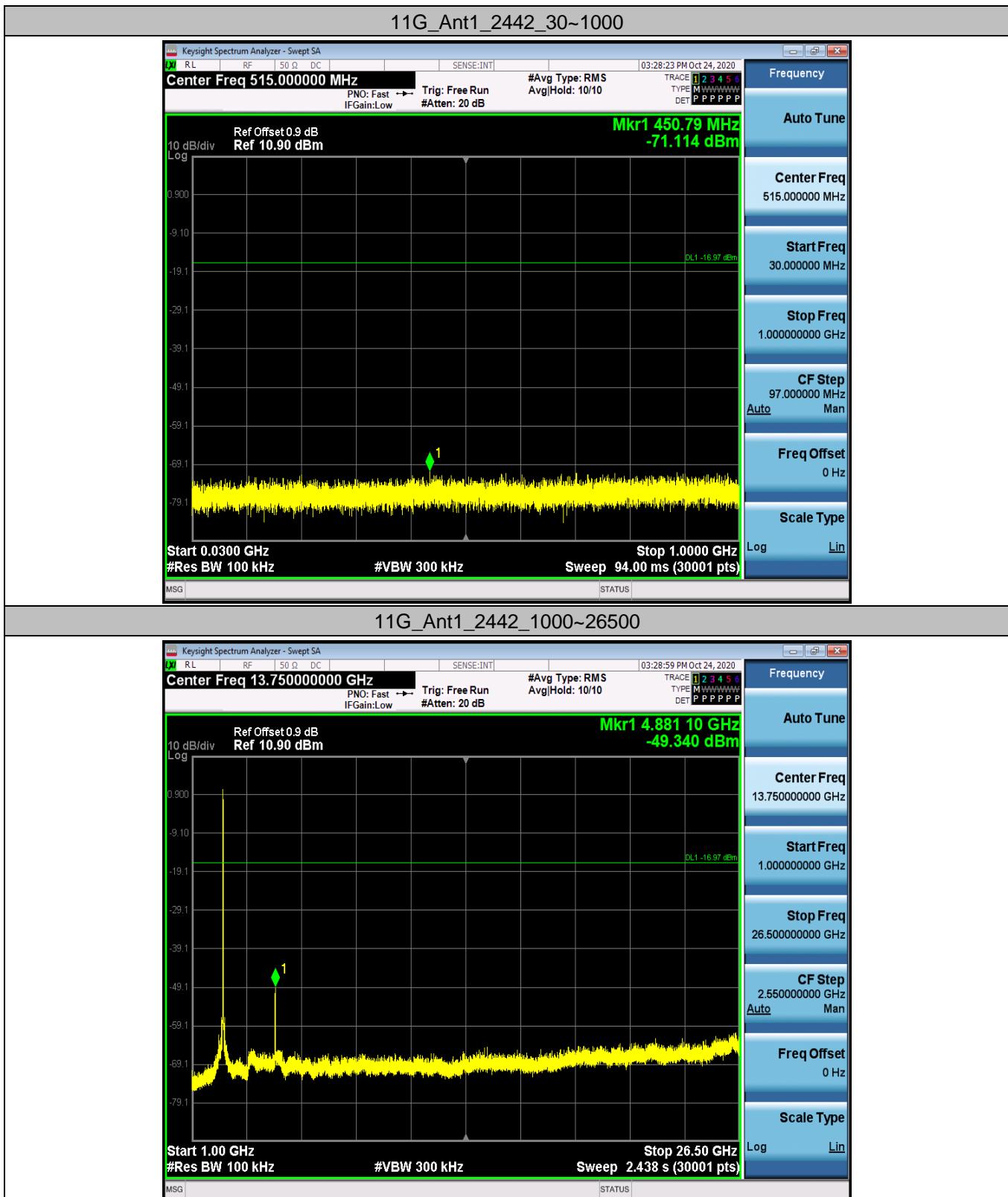


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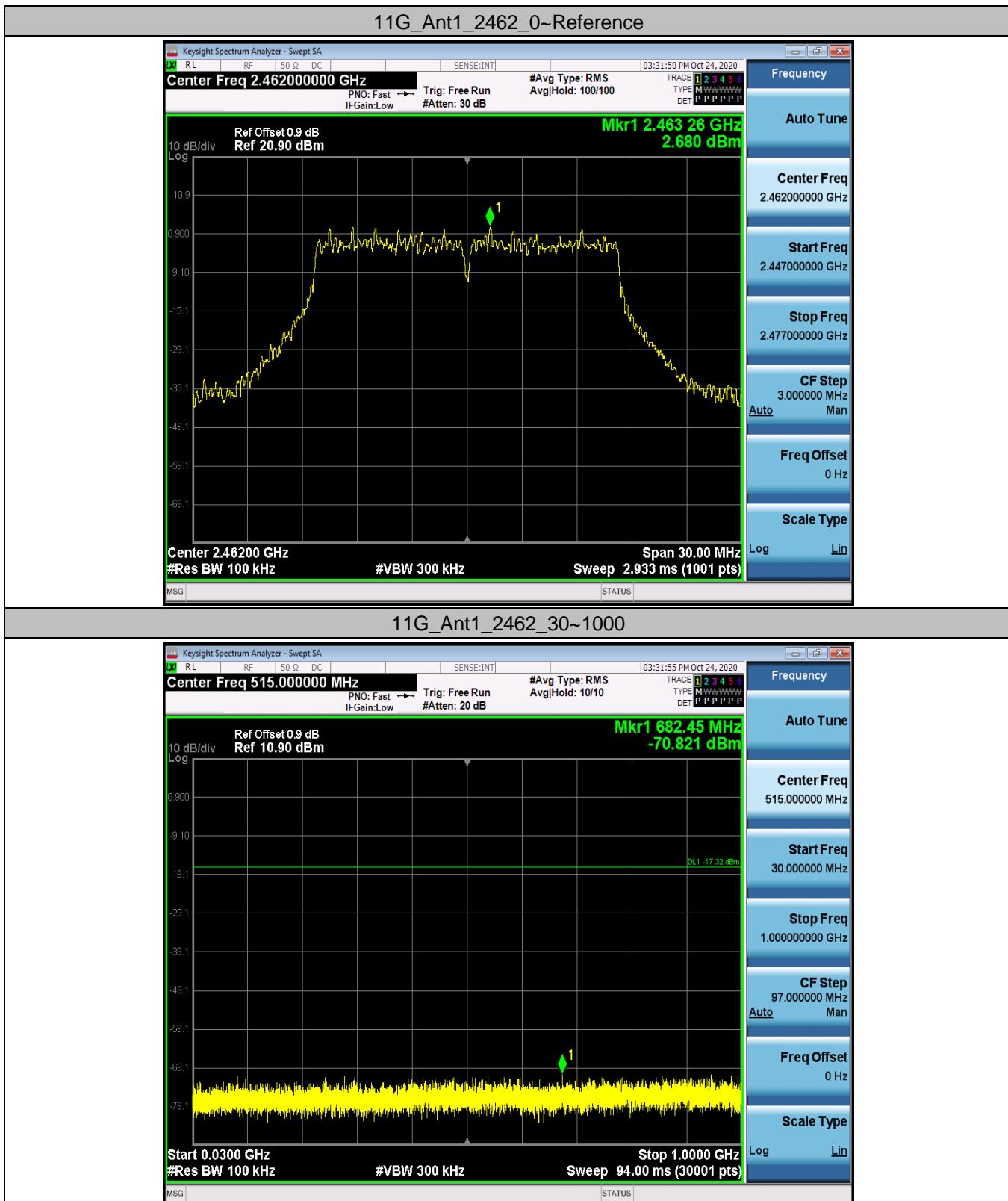


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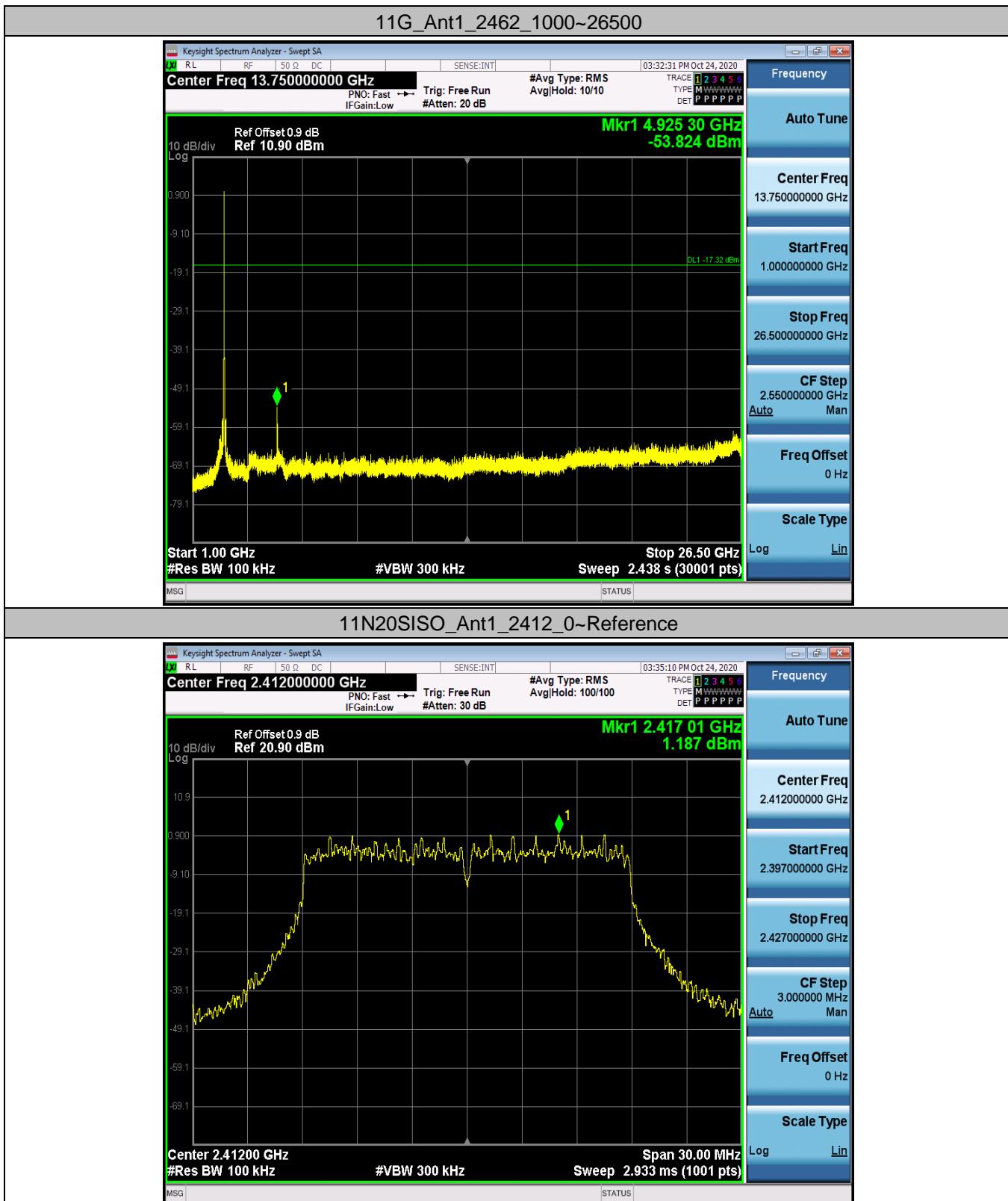


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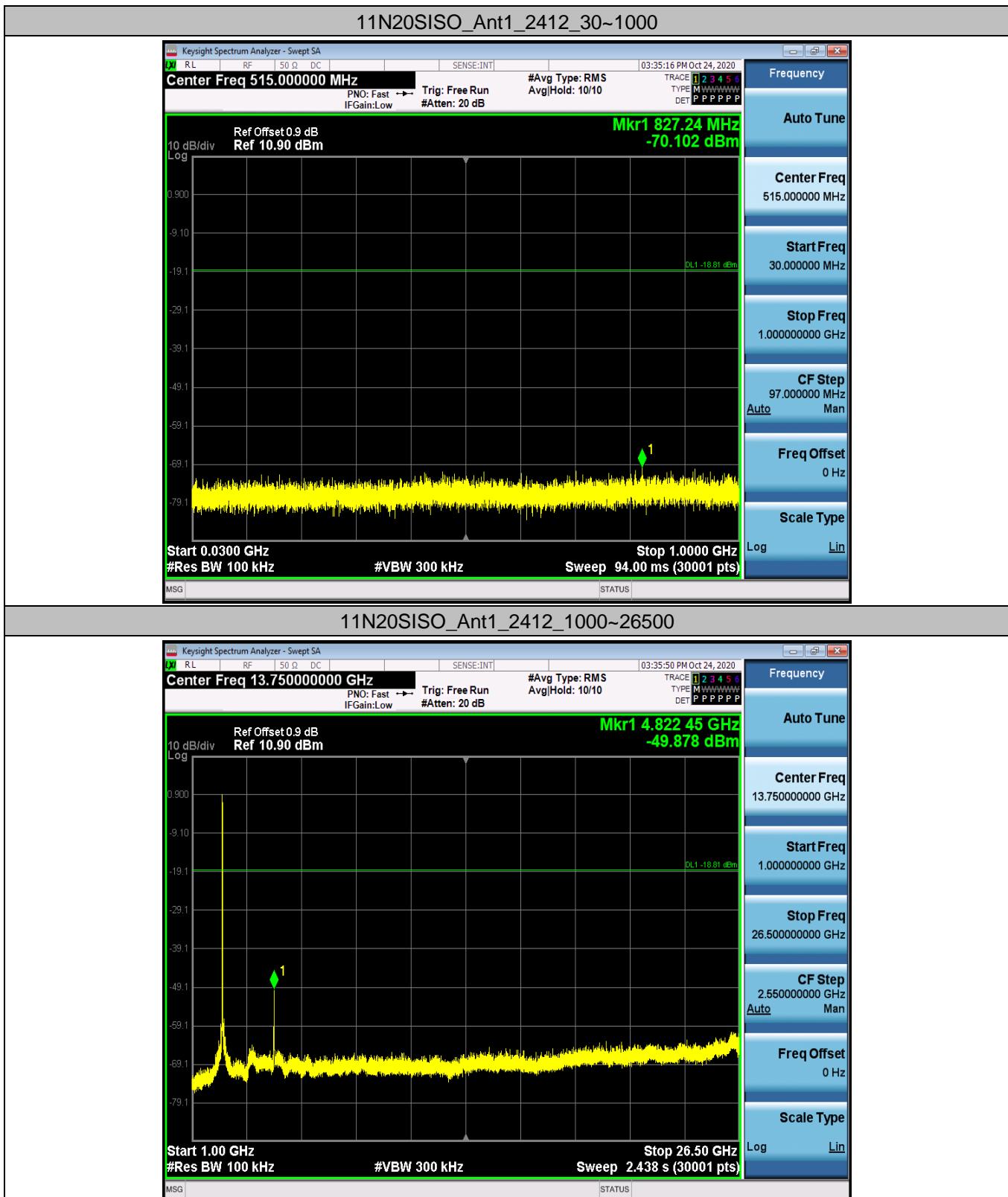


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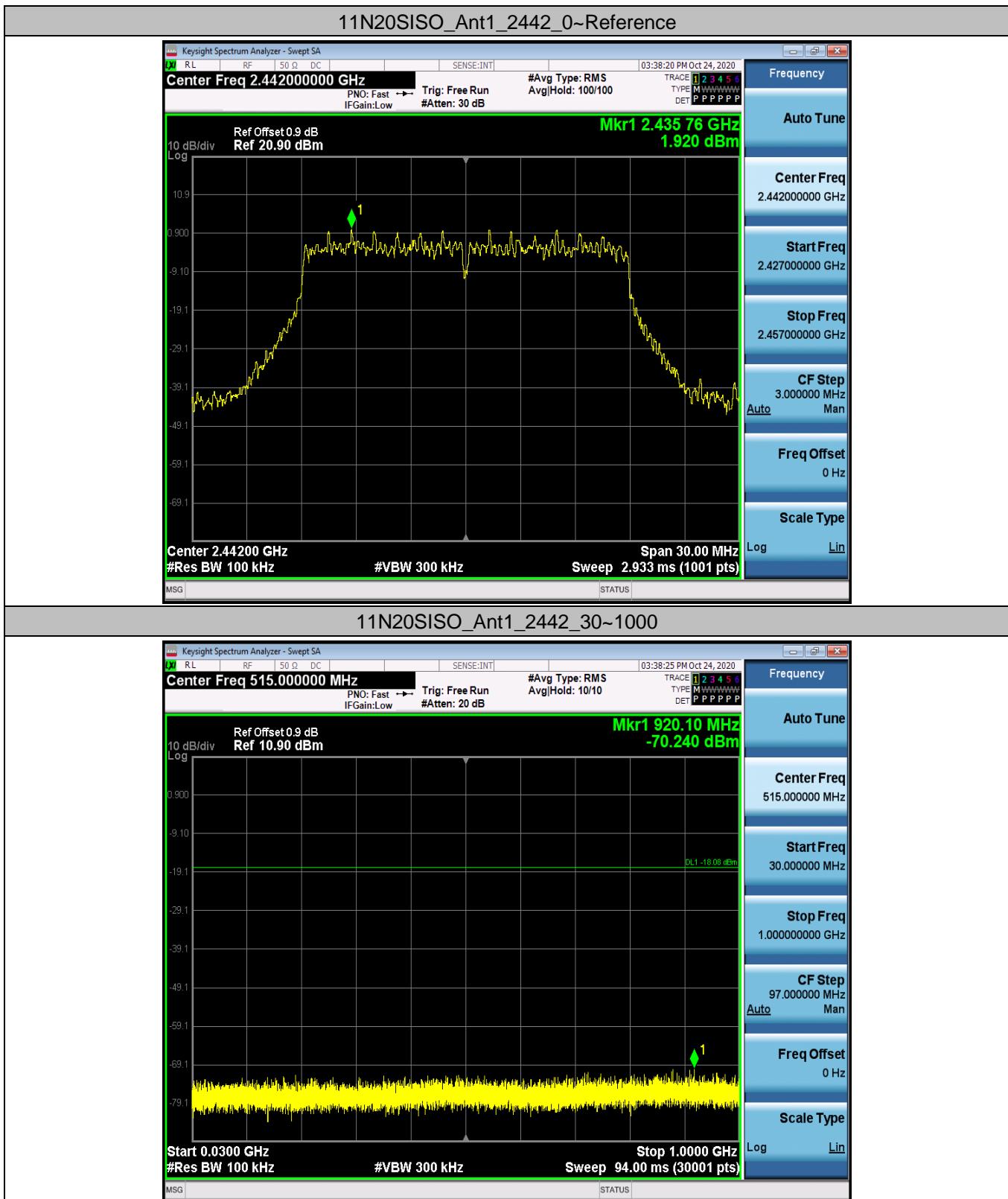


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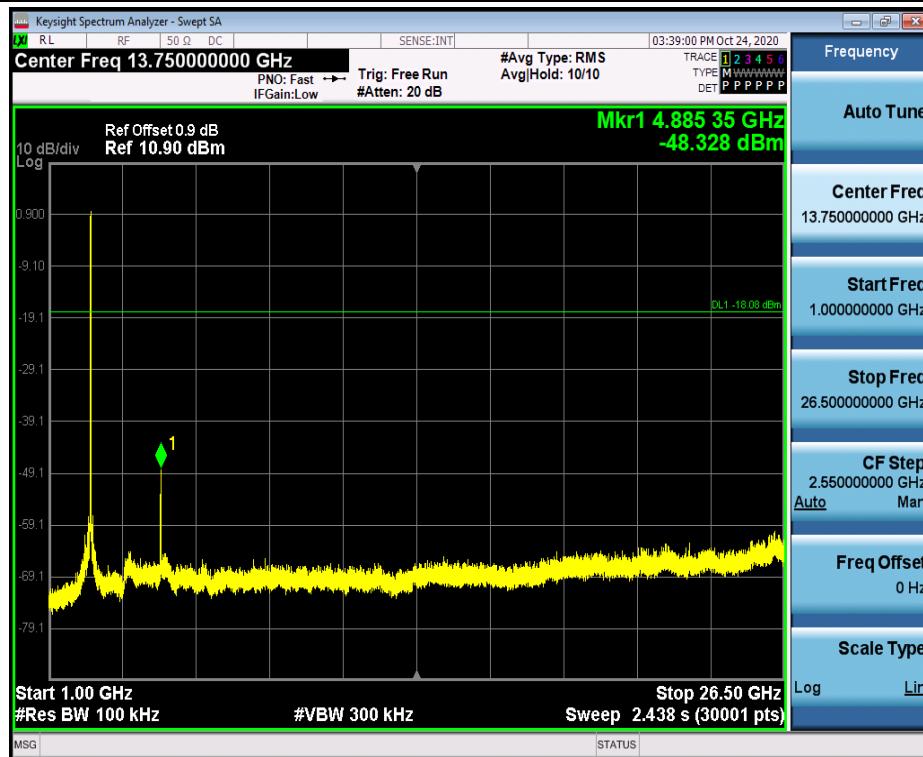
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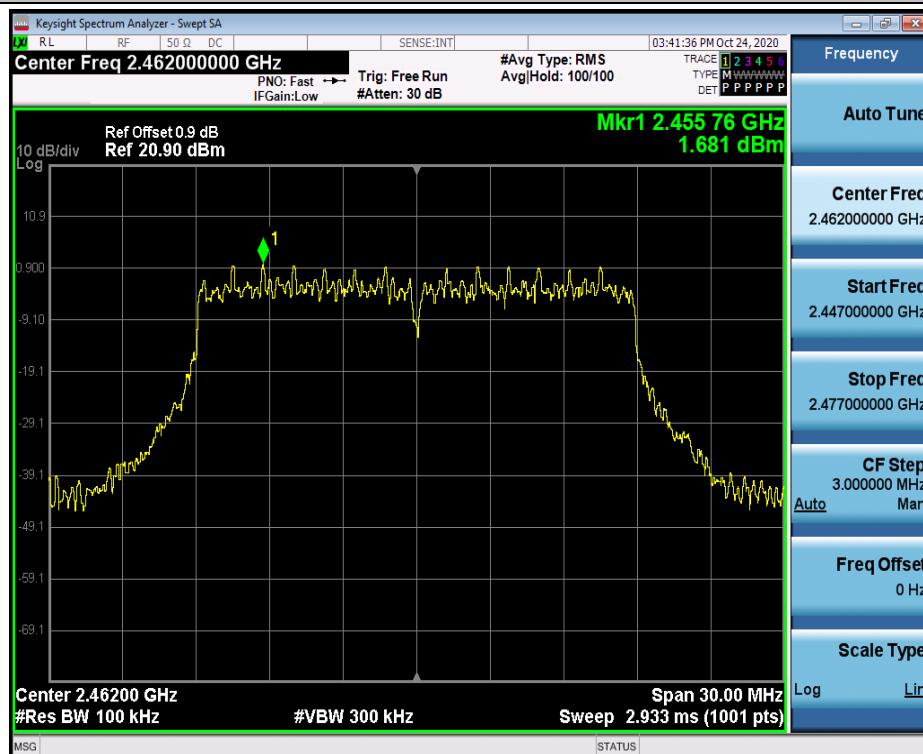


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## 11N20SISO\_Ant1\_2462\_0~Reference



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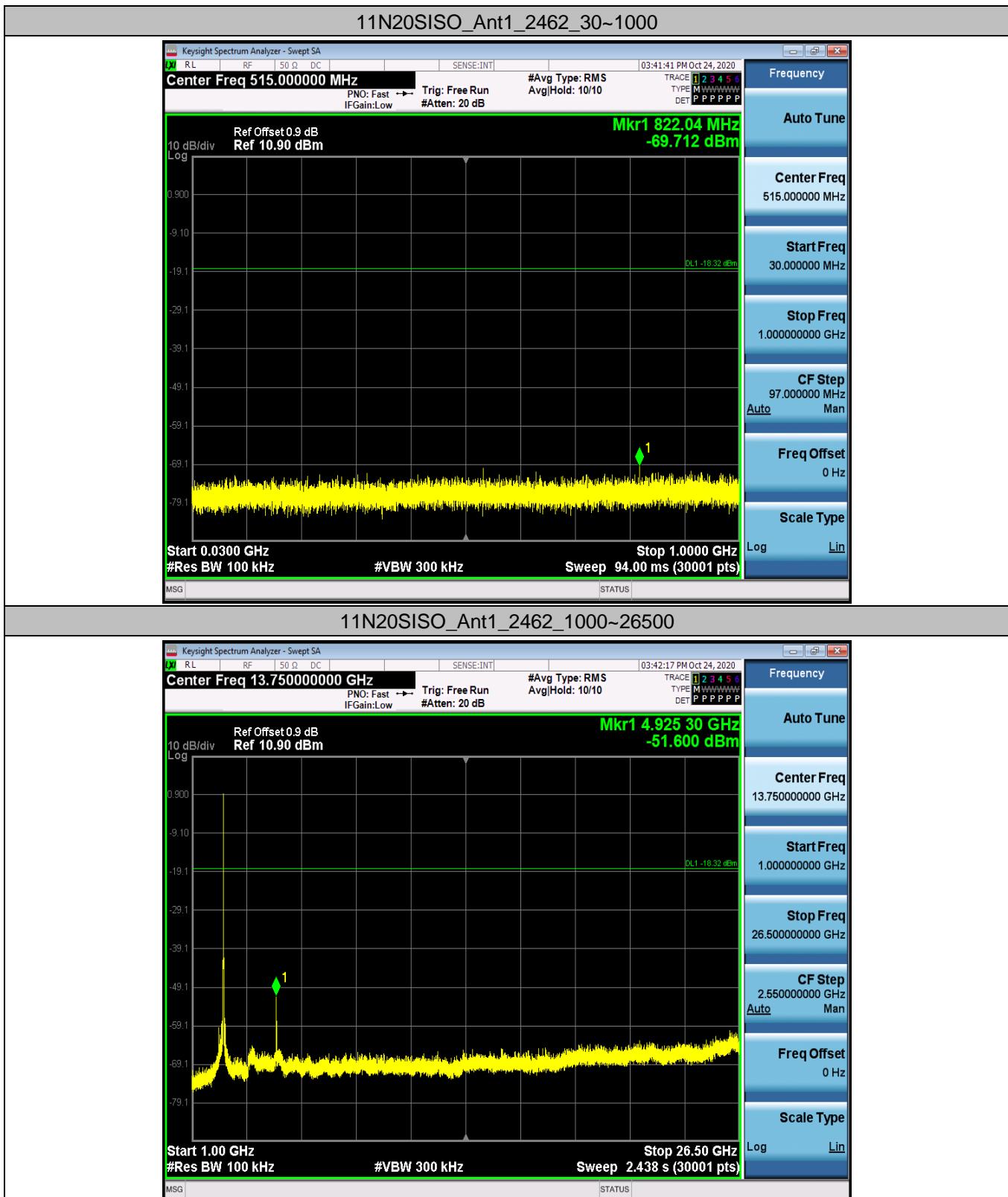
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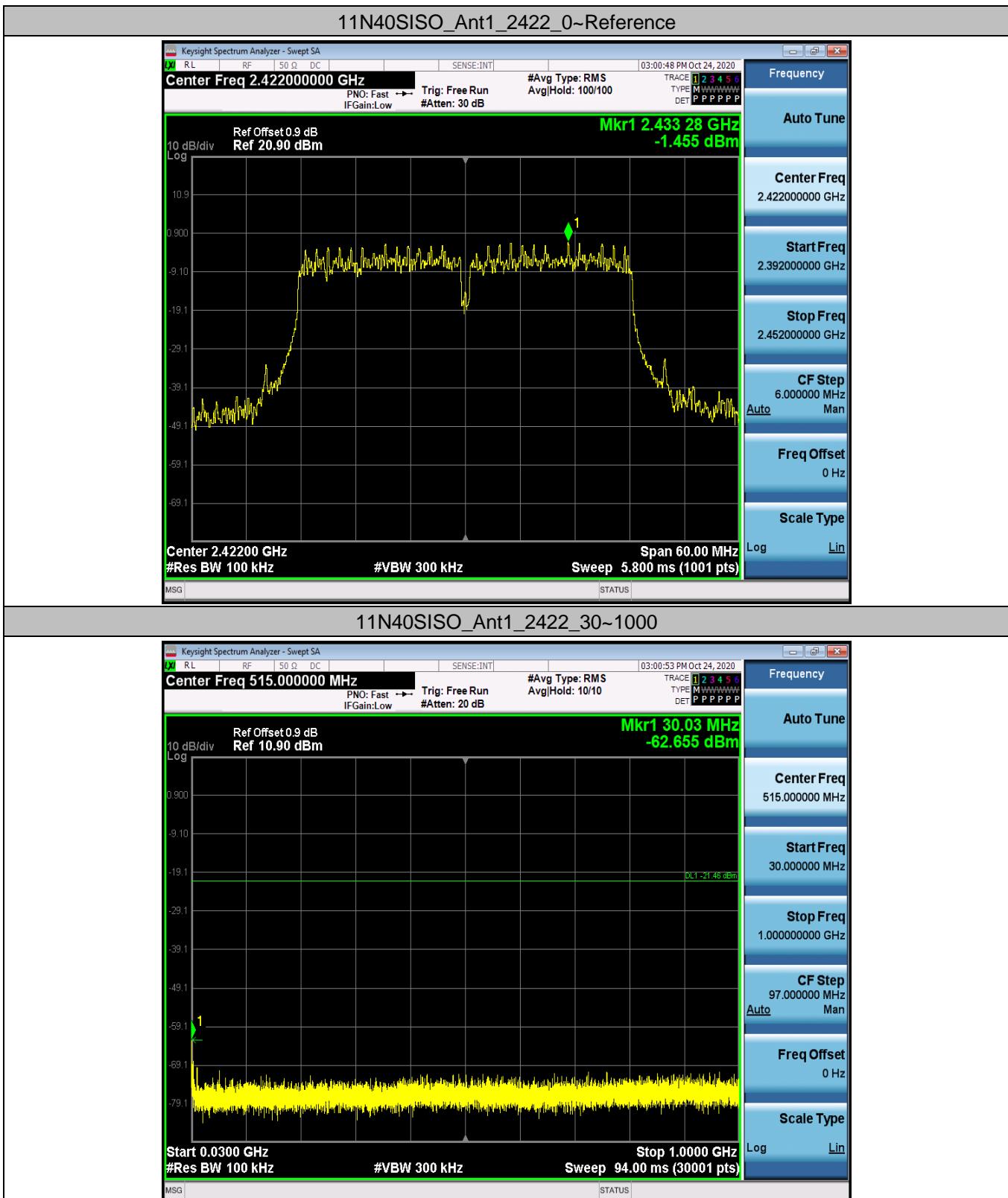
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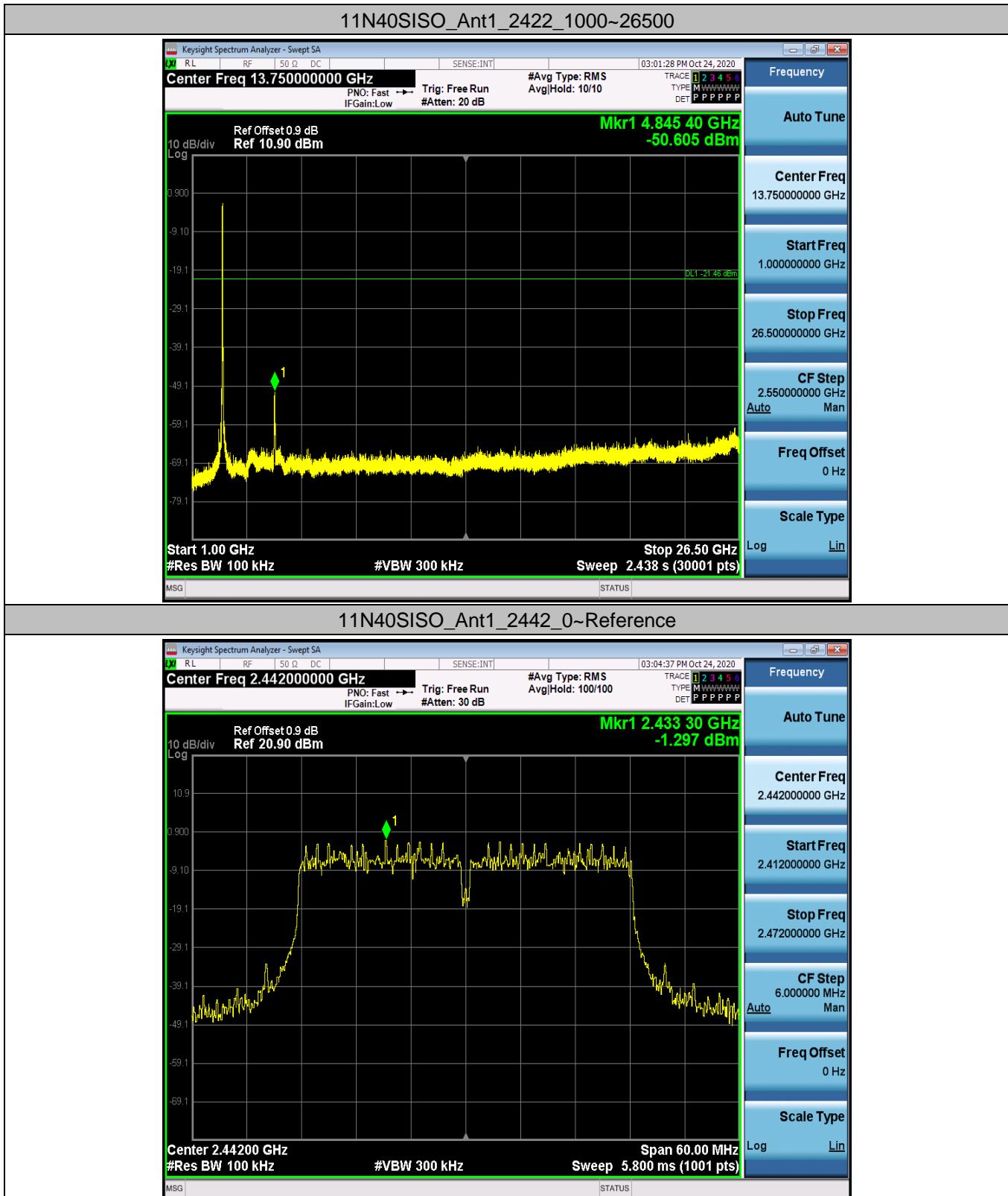


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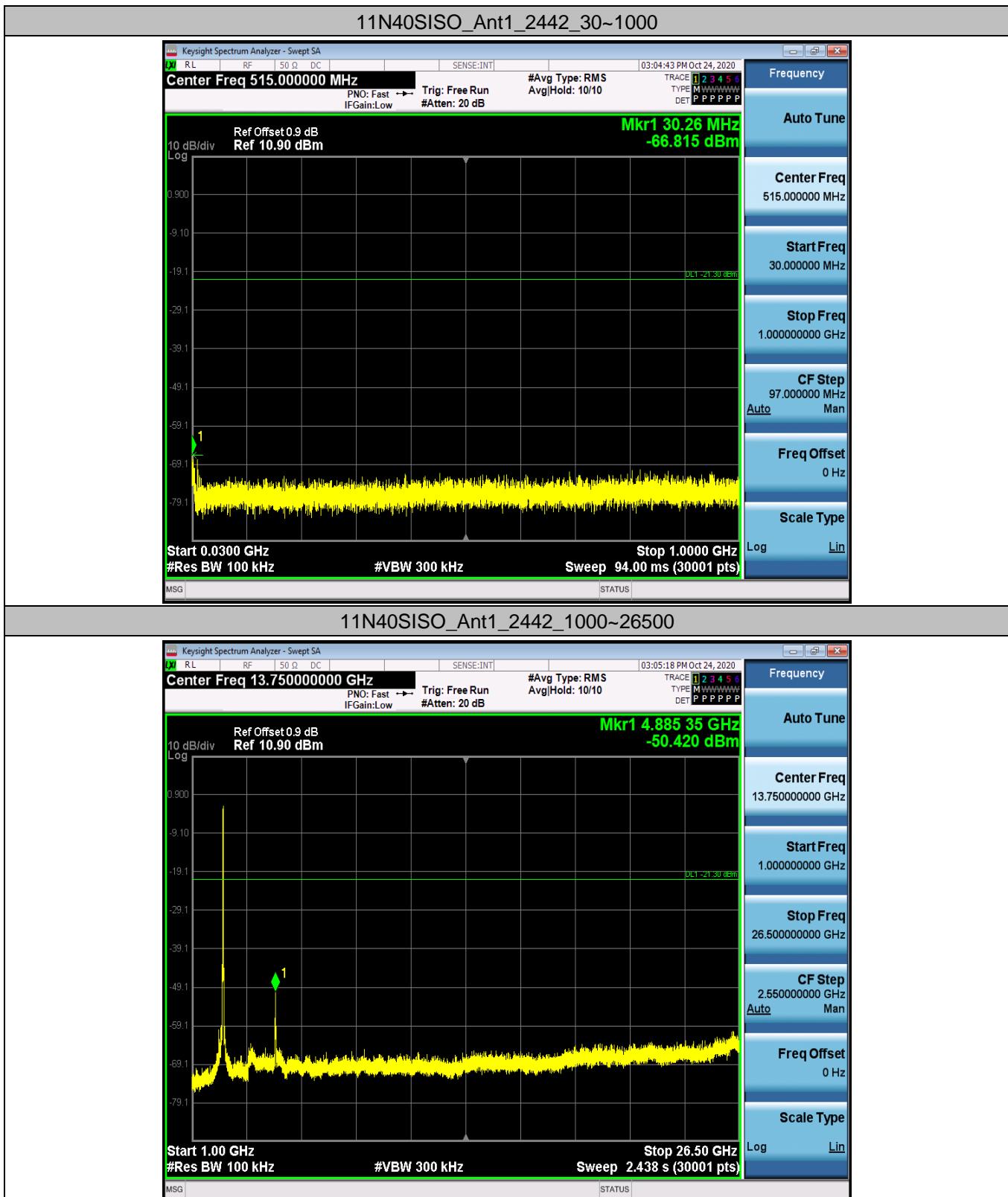


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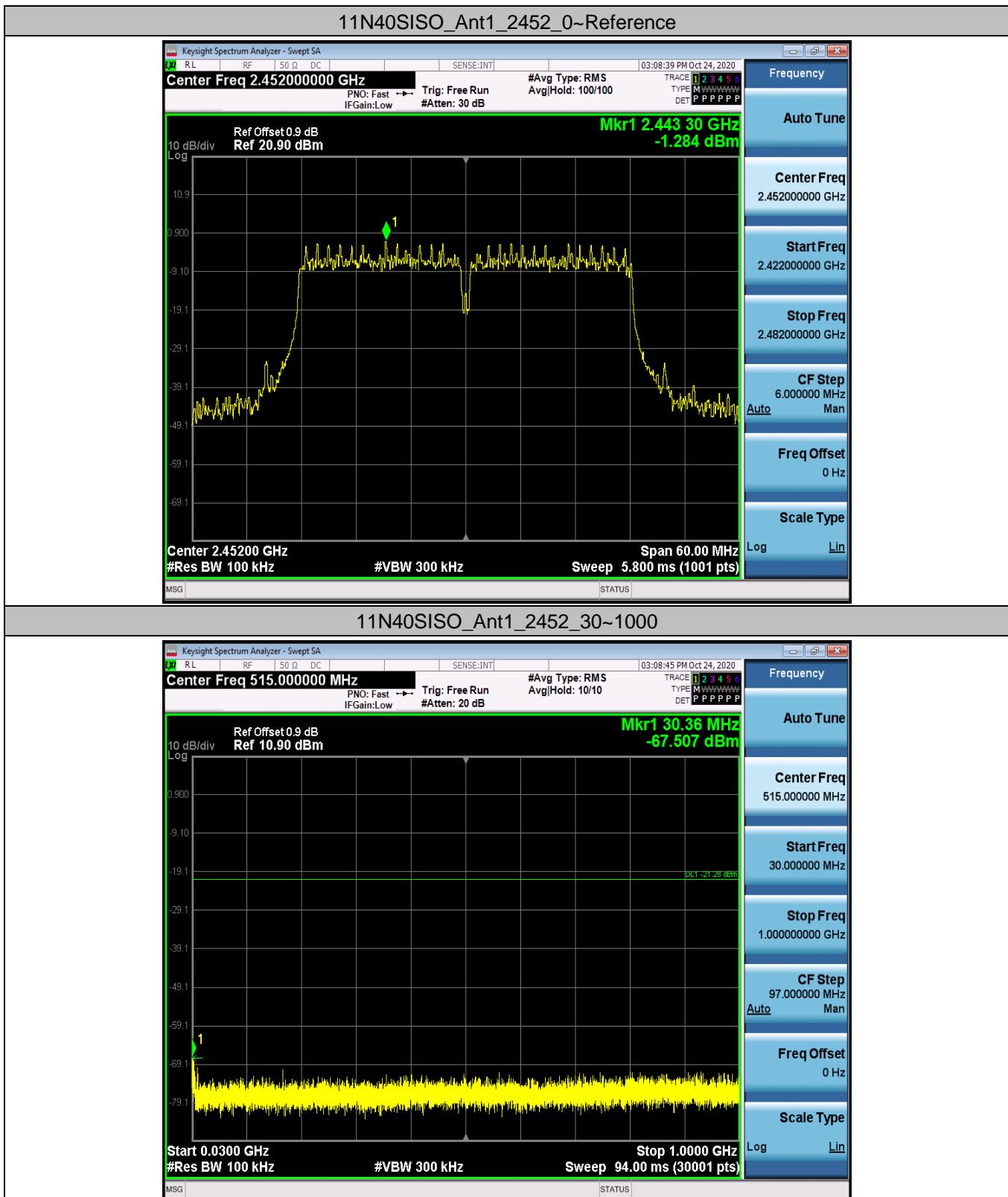
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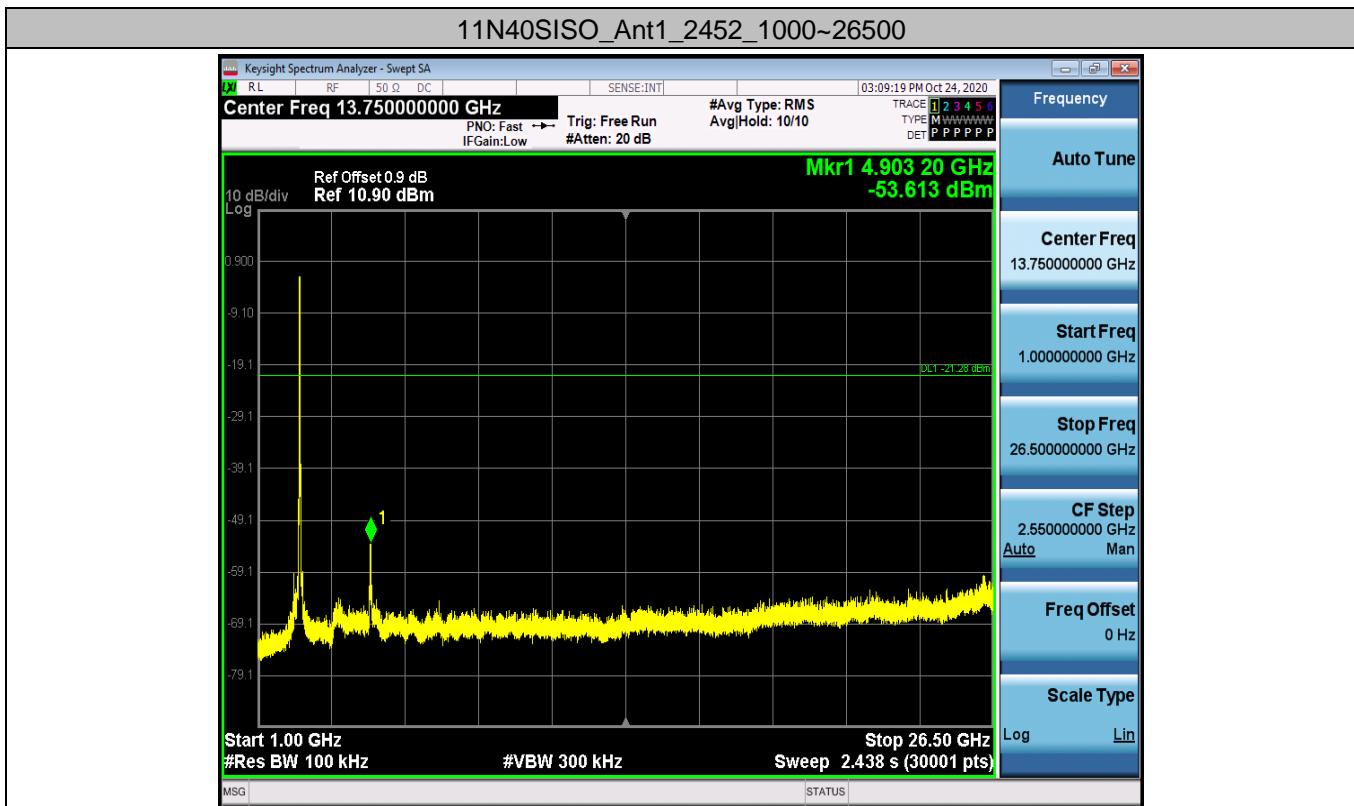


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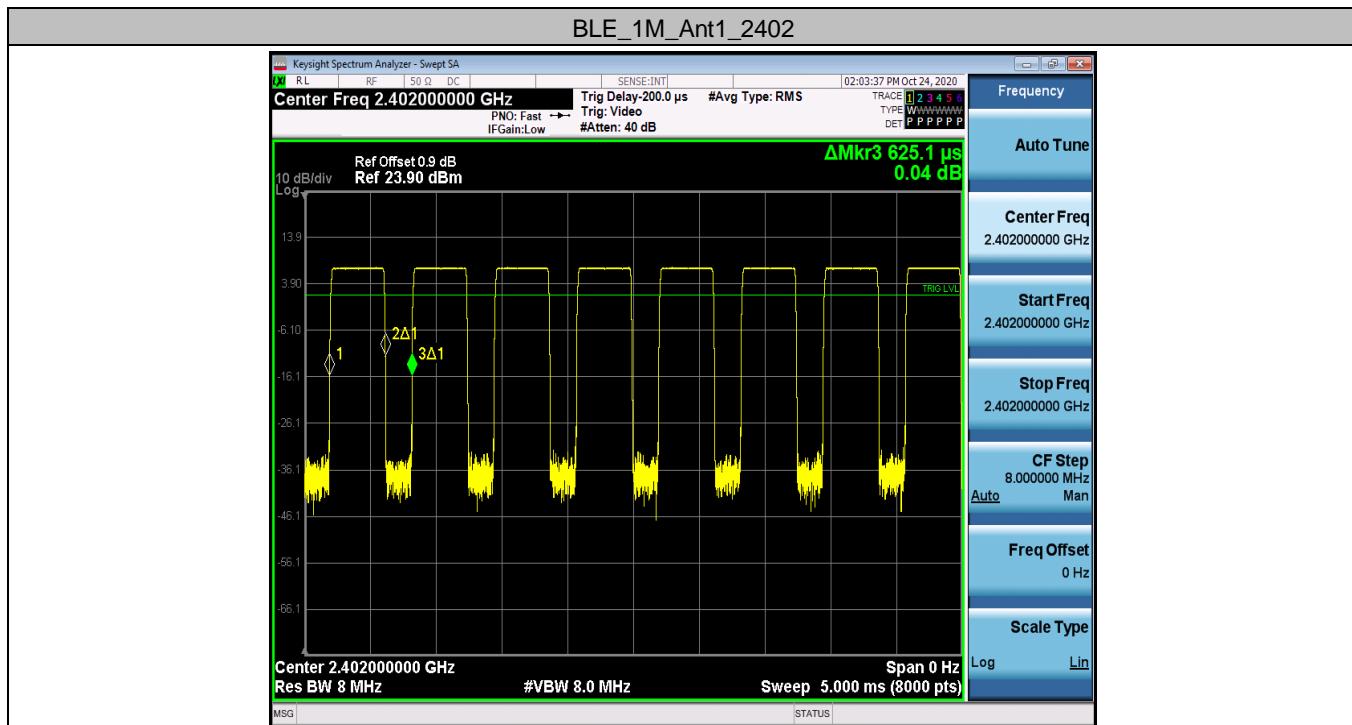
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## 8.7 Appendix F: Duty Cycle

### 8.7.1 Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M		2402	0.42	0.63	67.60
		2440	0.42	0.63	67.70
		2480	0.42	0.63	67.60
11B		2412	1.30	1.47	88.60
		2442	1.30	1.39	93.27
		2462	1.30	1.42	91.44
11G		2412	0.25	0.35	70.80
		2442	0.25	0.32	76.98
		2462	0.24	0.29	83.55
11N20SISO		2412	0.23	0.34	67.17
		2442	0.23	0.29	77.83
		2462	0.23	0.40	56.51
11N40SISO		2422	0.13	0.20	62.66
		2442	0.13	0.21	60.00
		2452	0.13	0.22	57.56

### 8.7.2 Test Graphs



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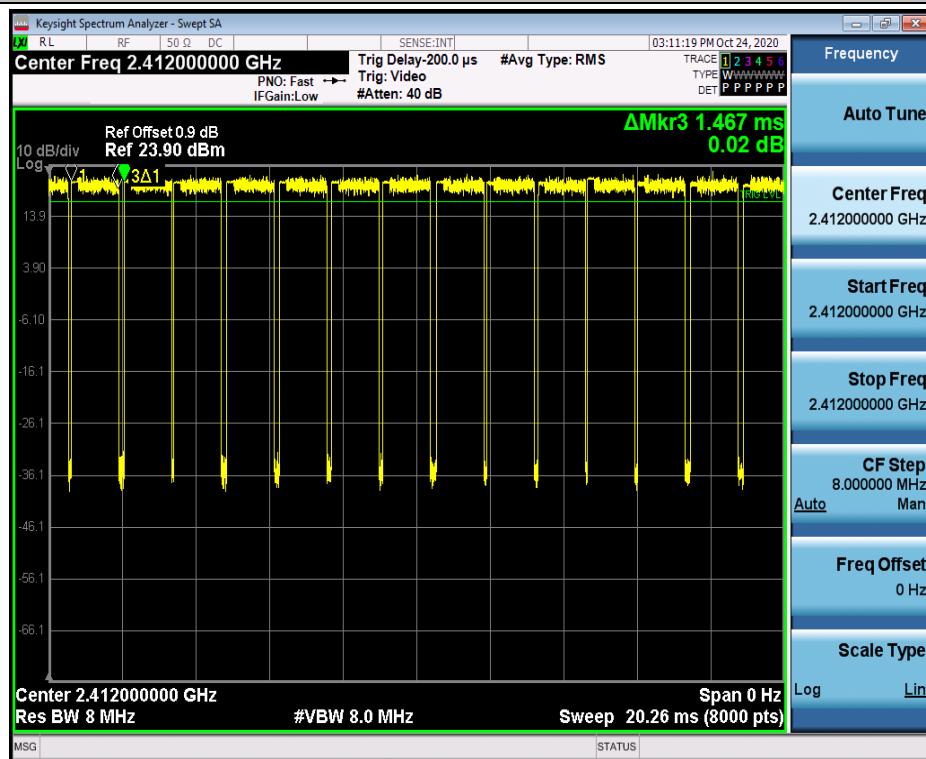
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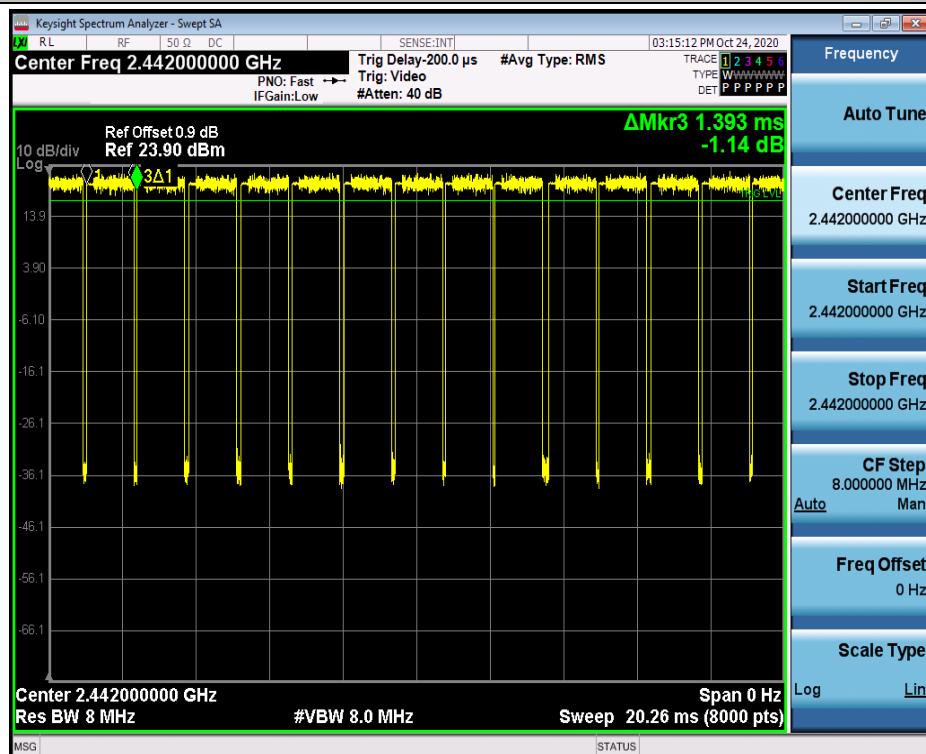


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## 11B\_Ant1\_2412



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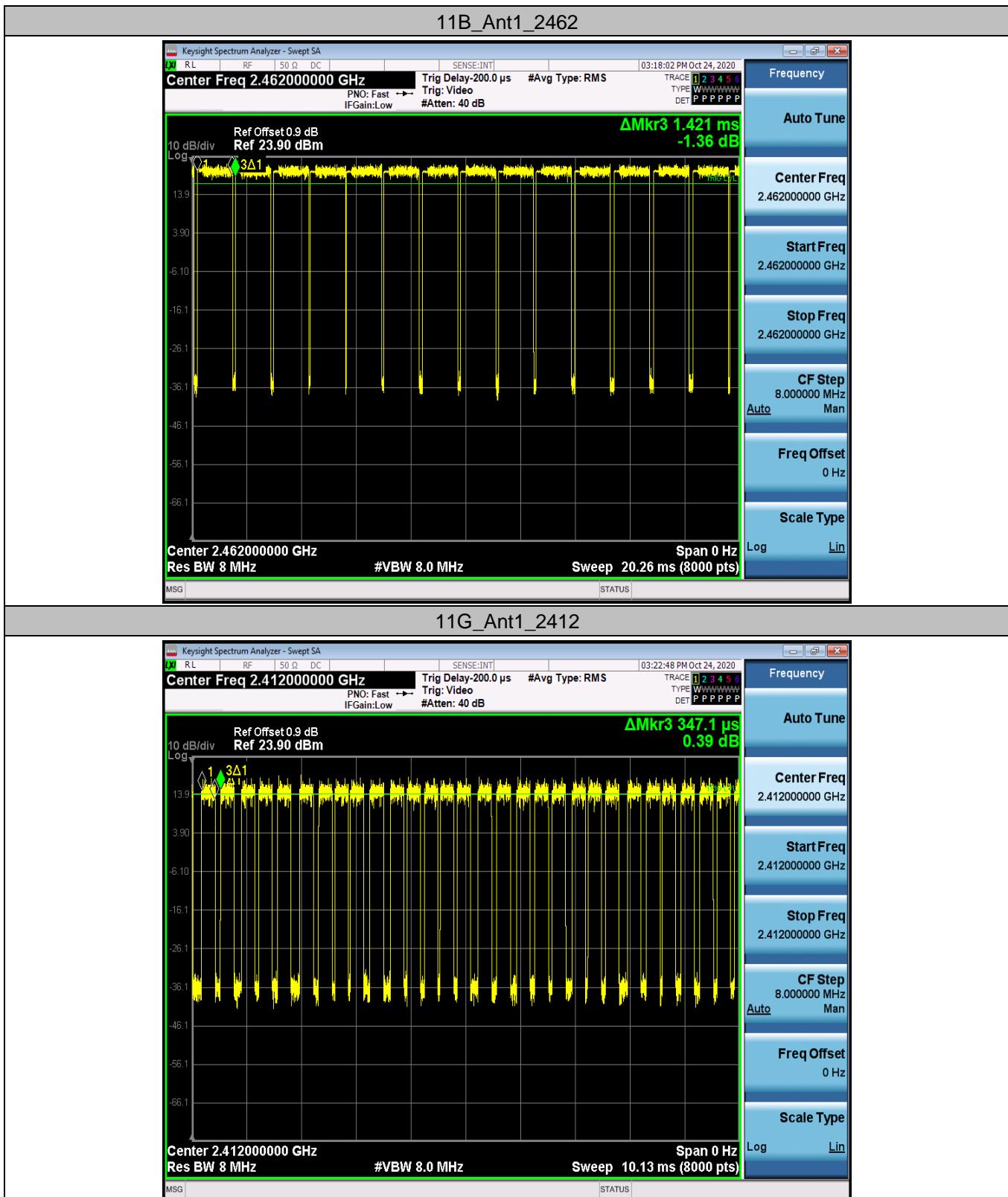


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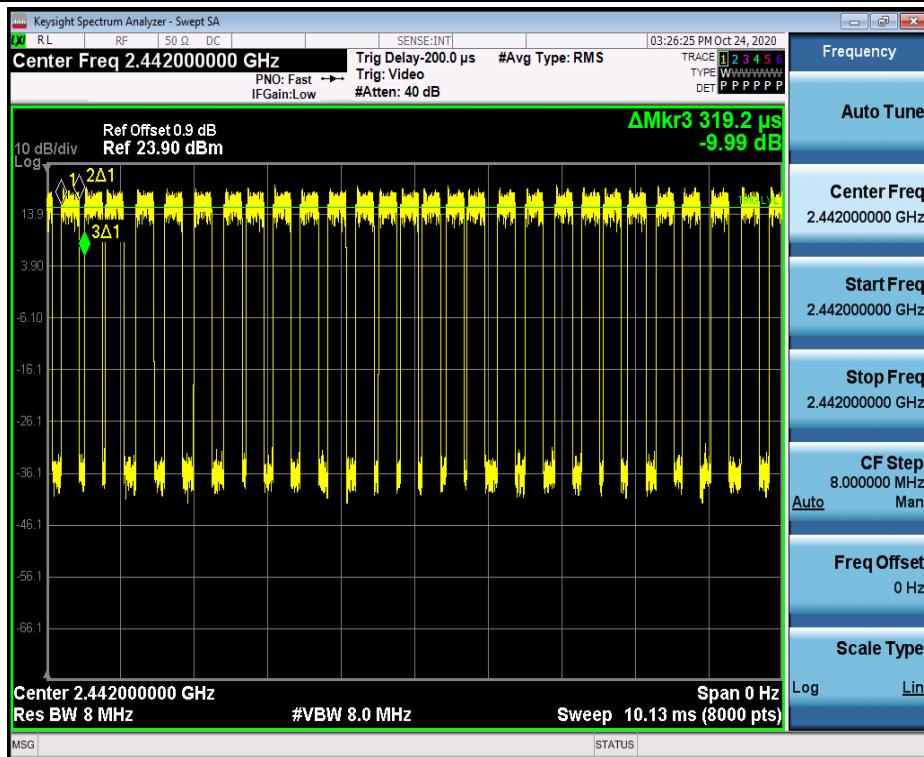
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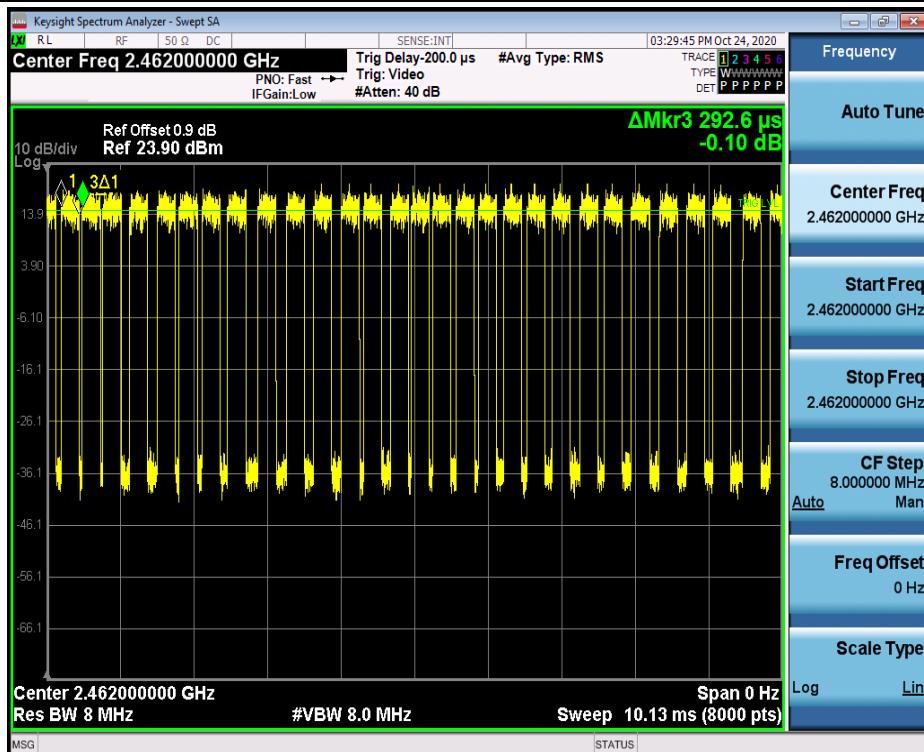


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## 11G\_Ant1\_2462



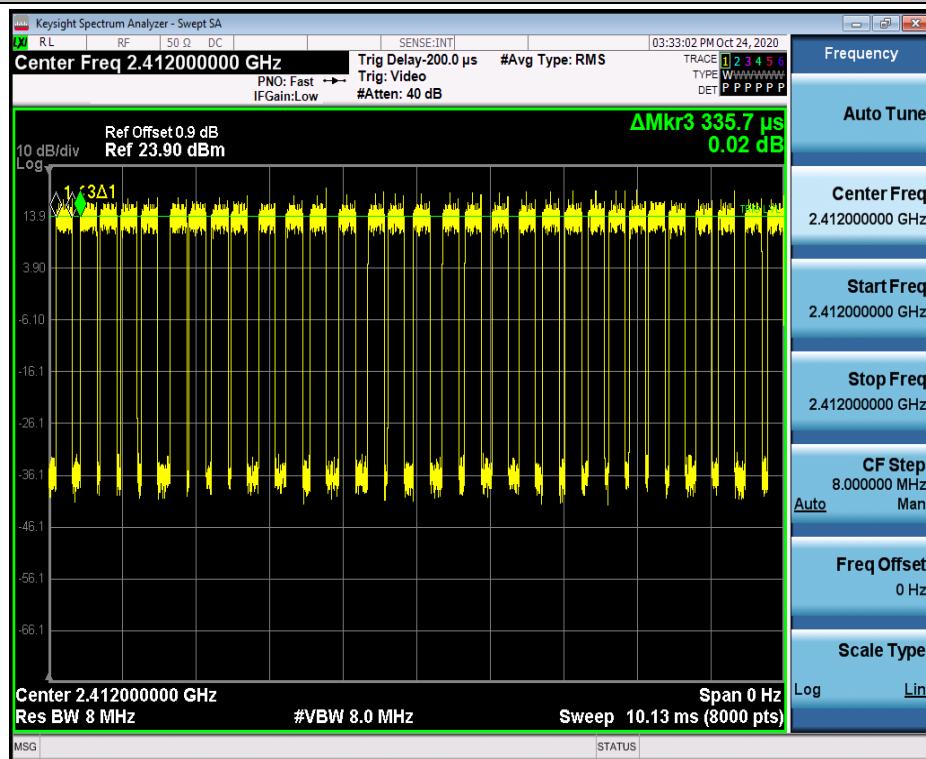
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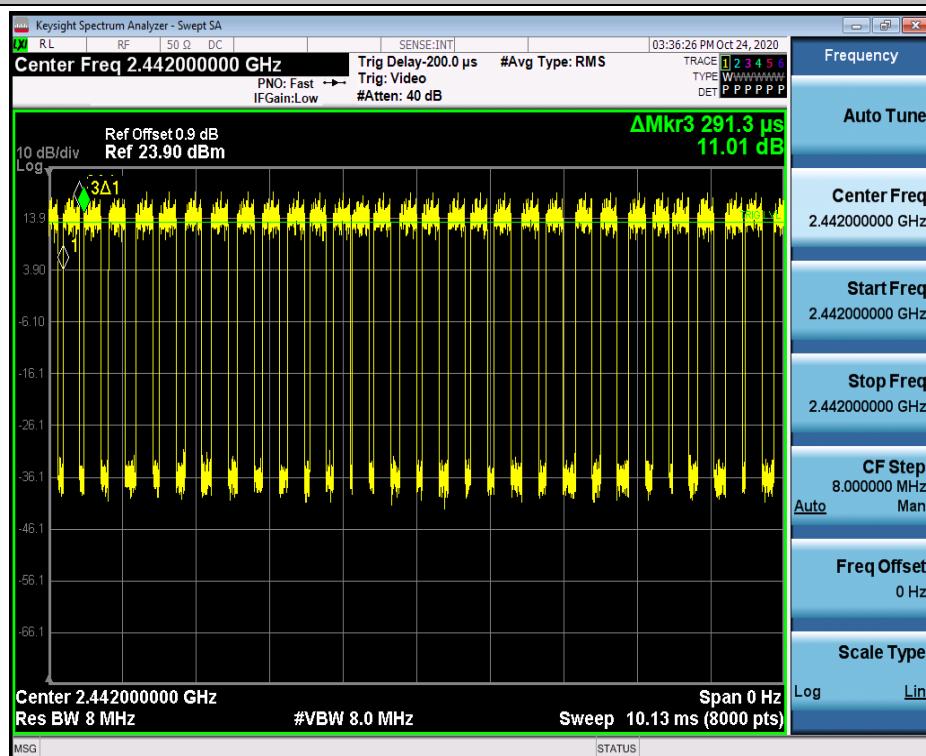


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## 11N20SISO\_Ant1\_2412



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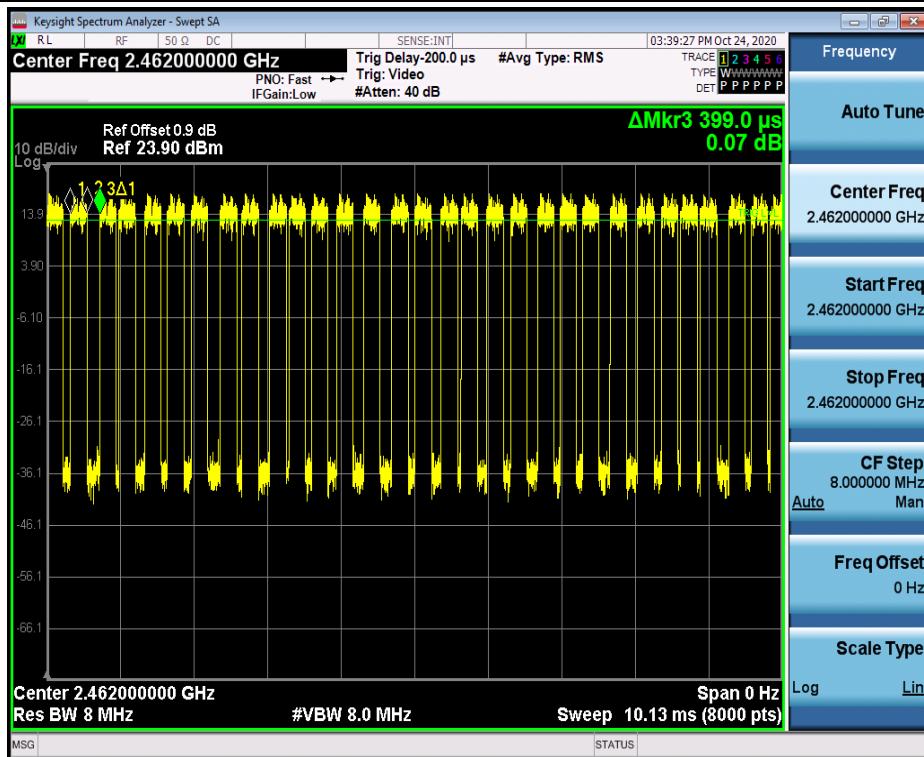
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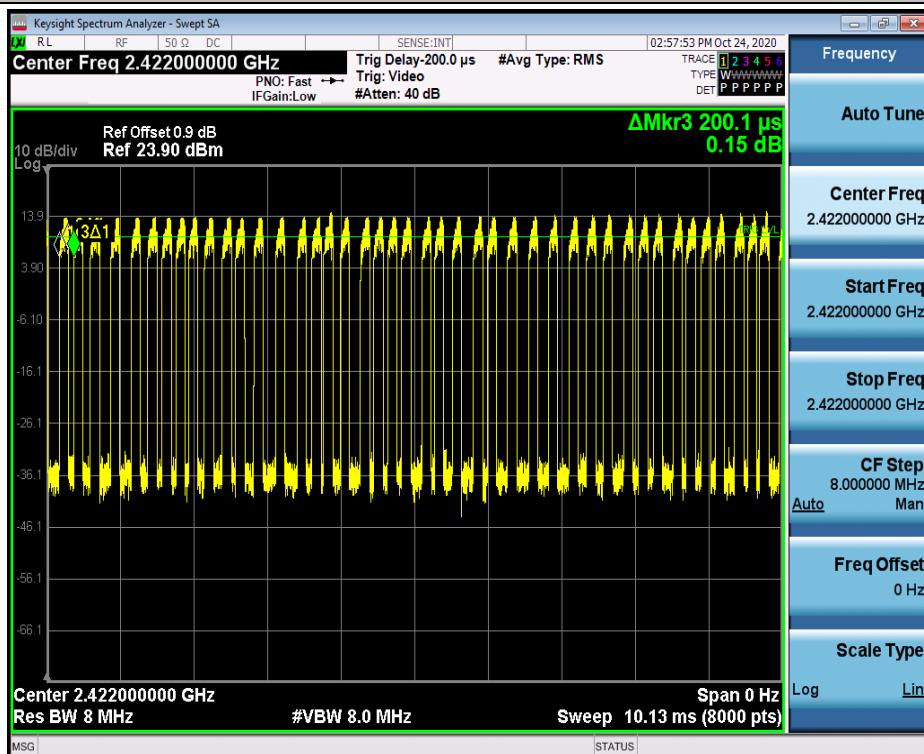
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## 11N20SISO\_Ant1\_2462



## 11N40SISO\_Ant1\_2422



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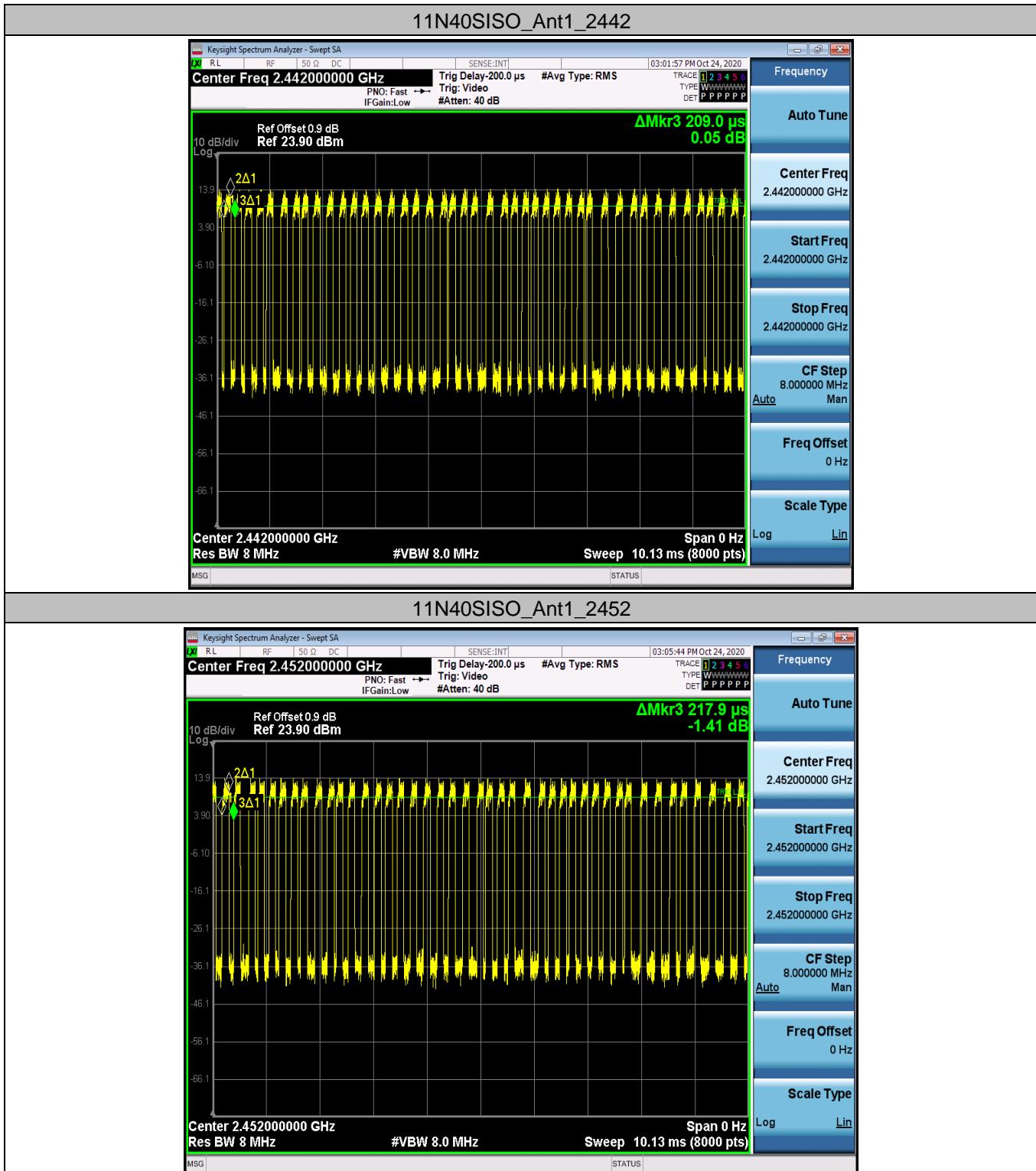
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