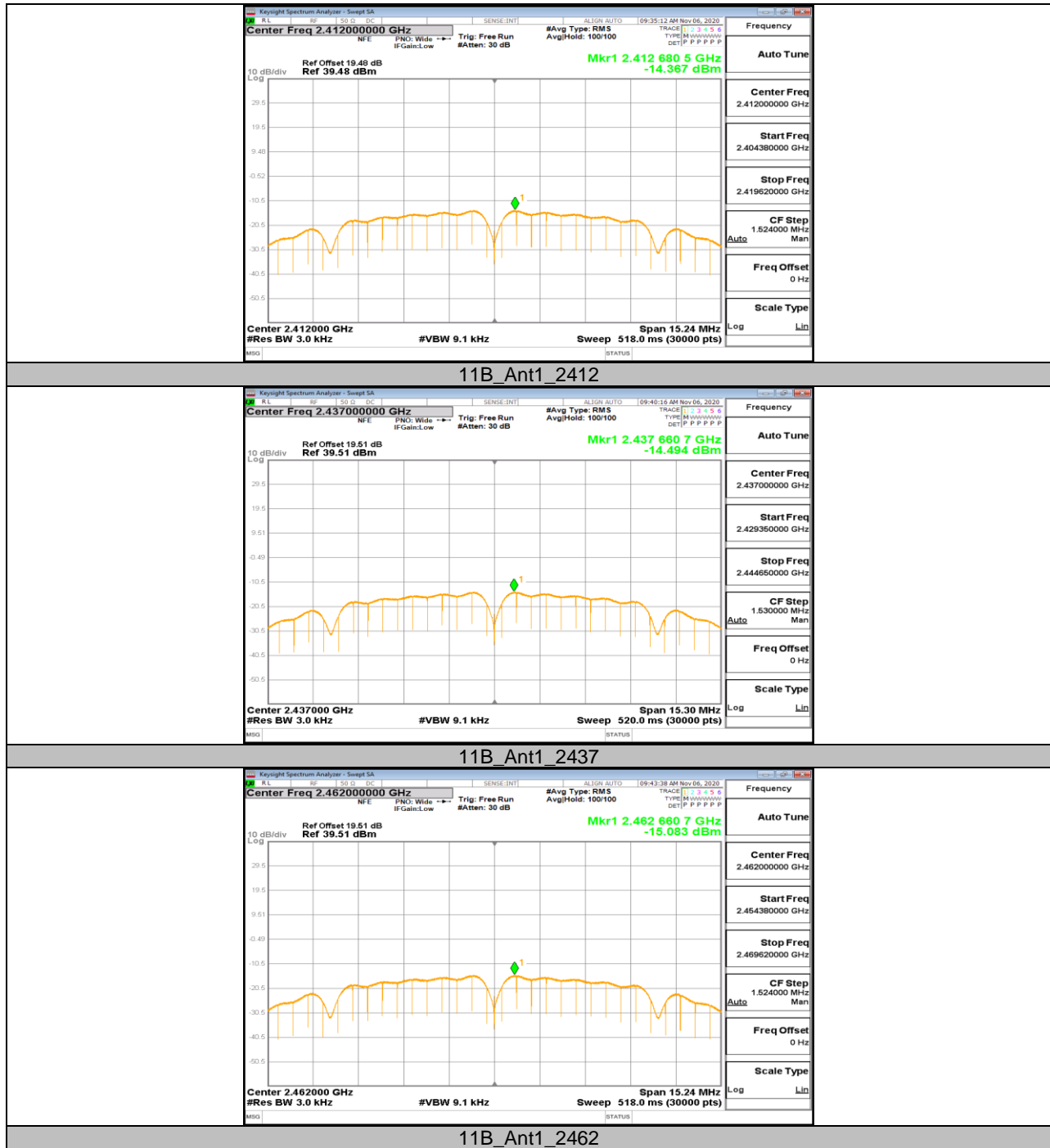
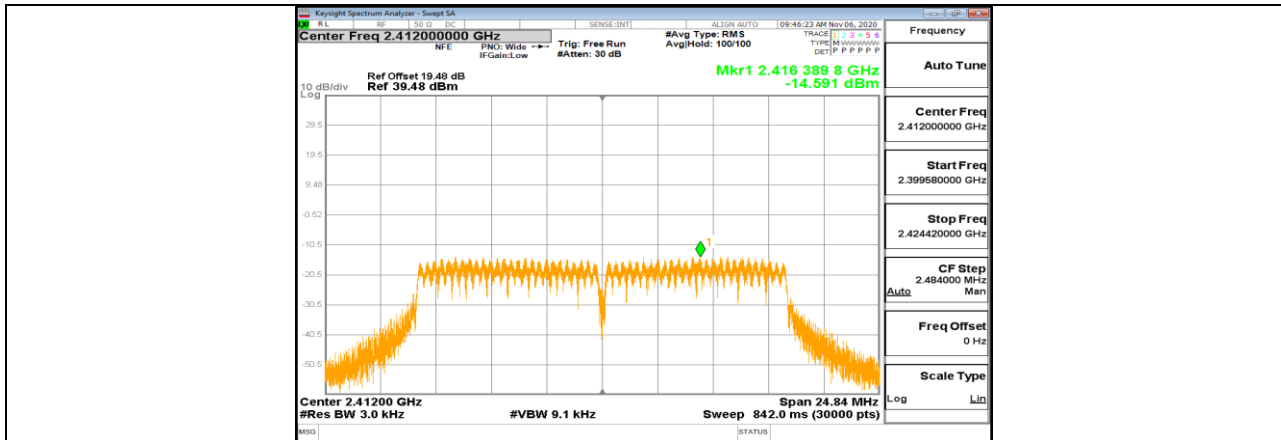
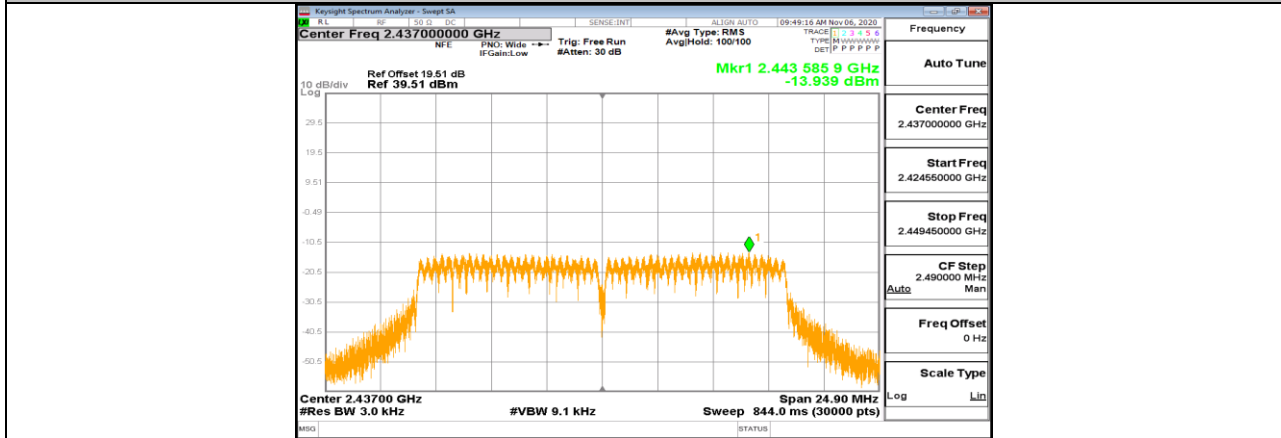


### 11.4.2. Test Graphs

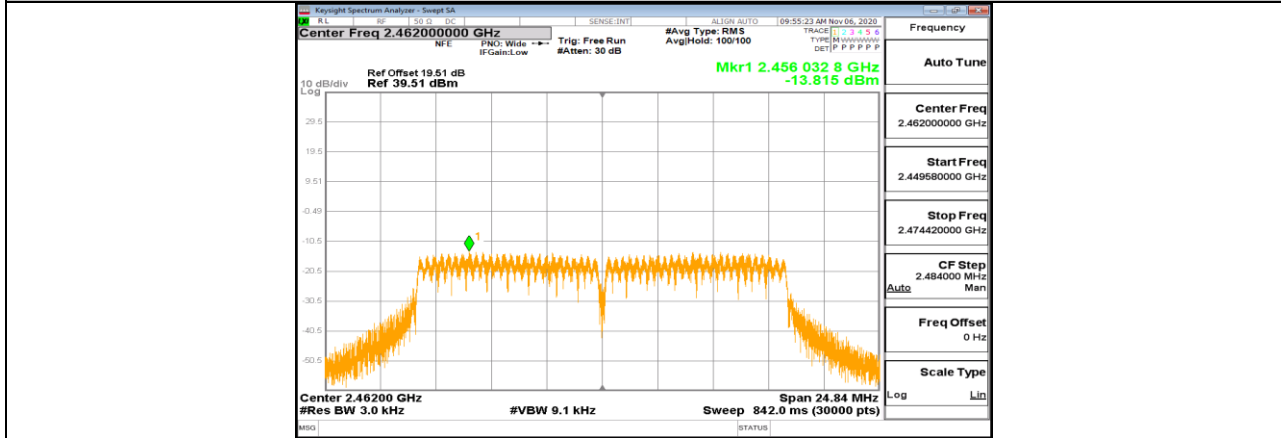




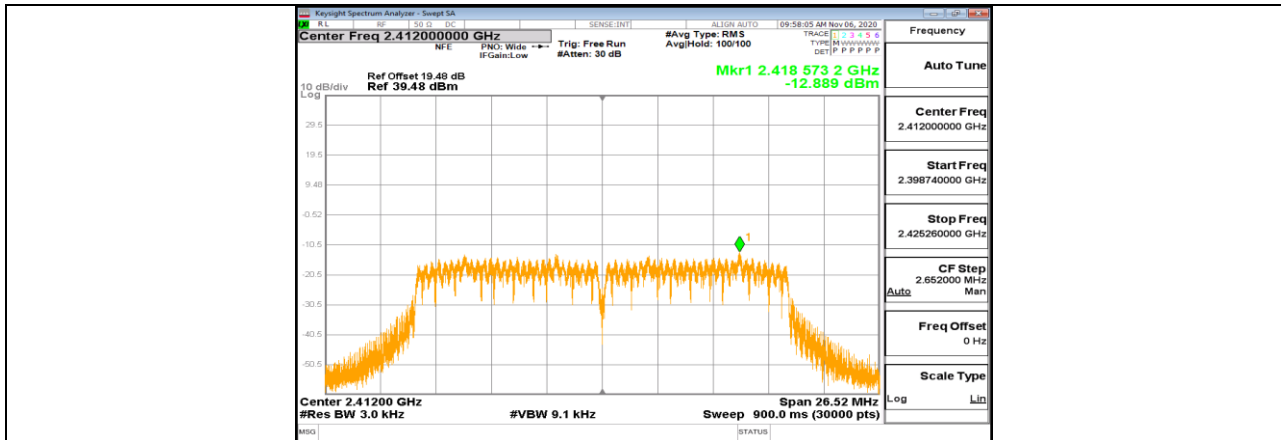
11G\_Ant1\_2412



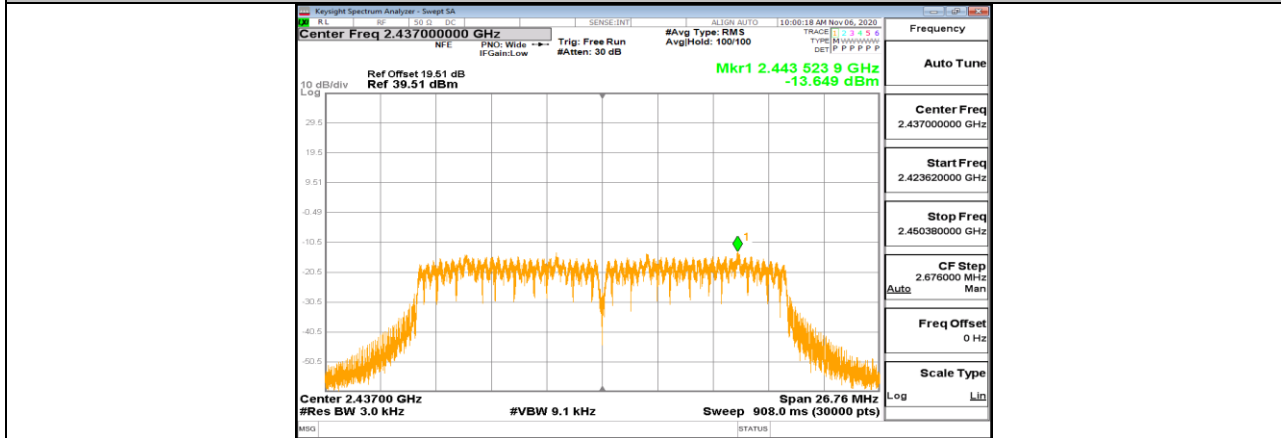
11G\_Ant1\_2437



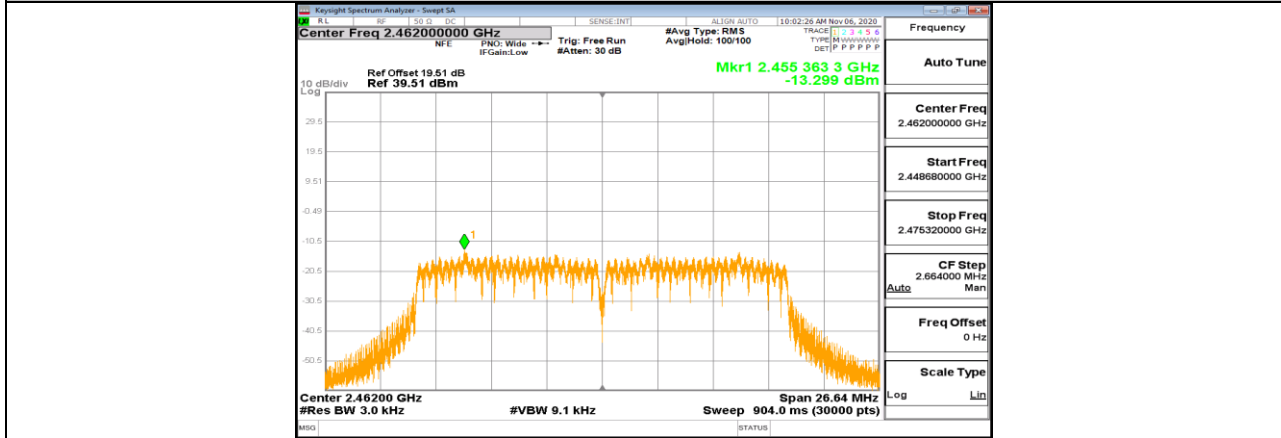
11G\_Ant1\_2462



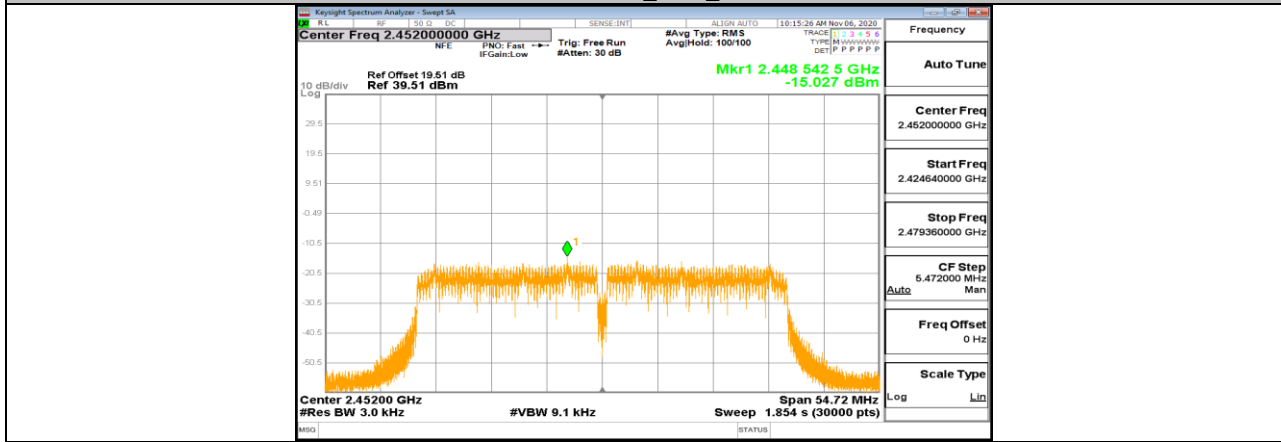
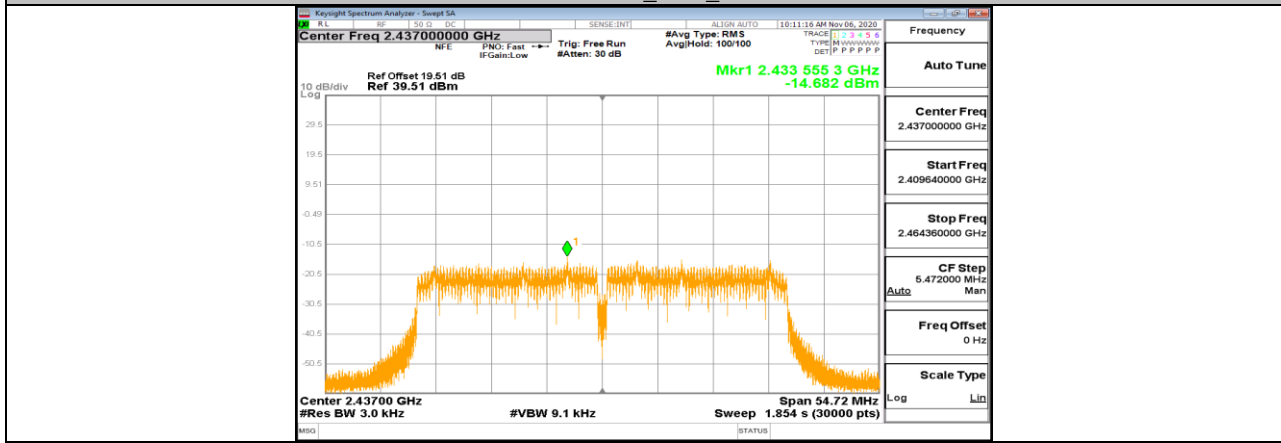
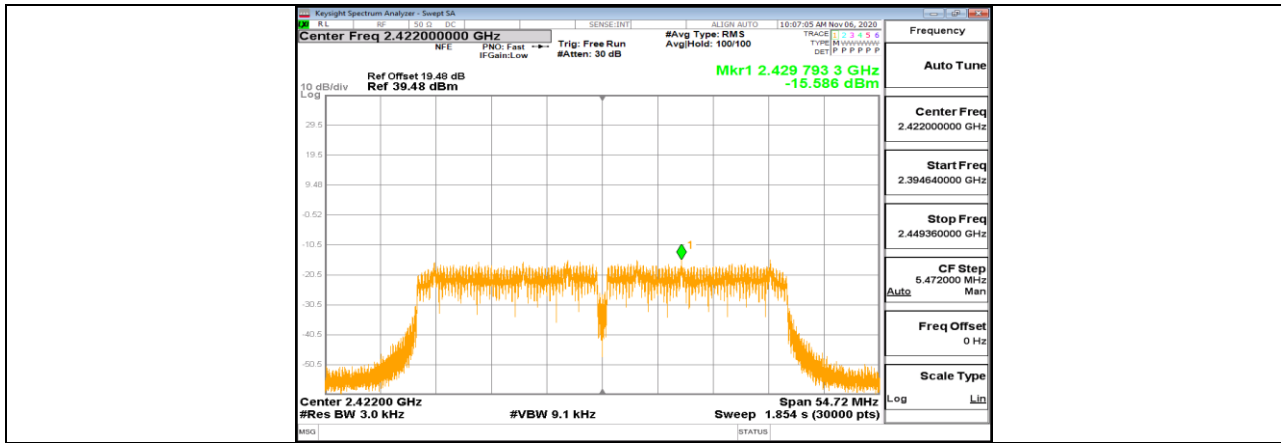
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



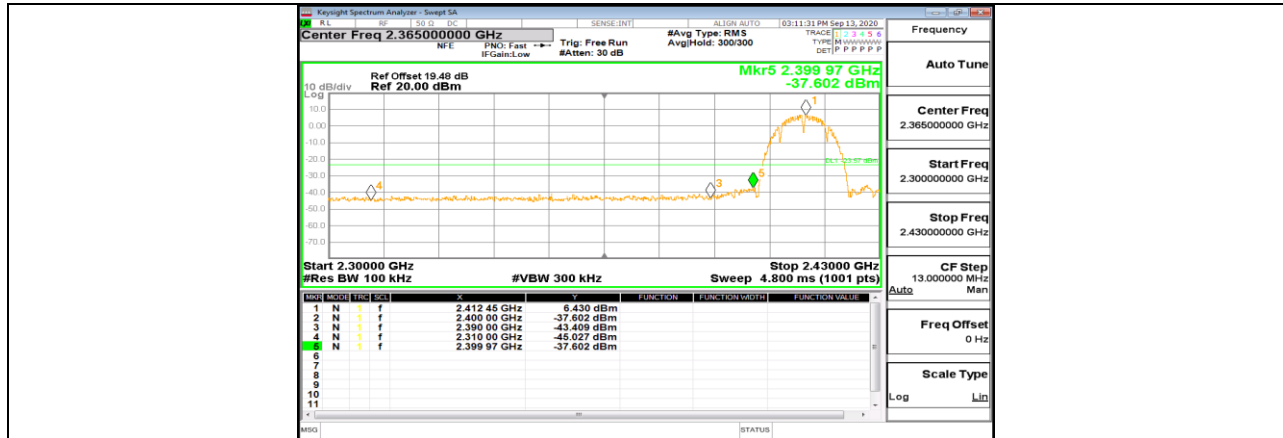


## 11.5. Appendix E: Band edge measurements

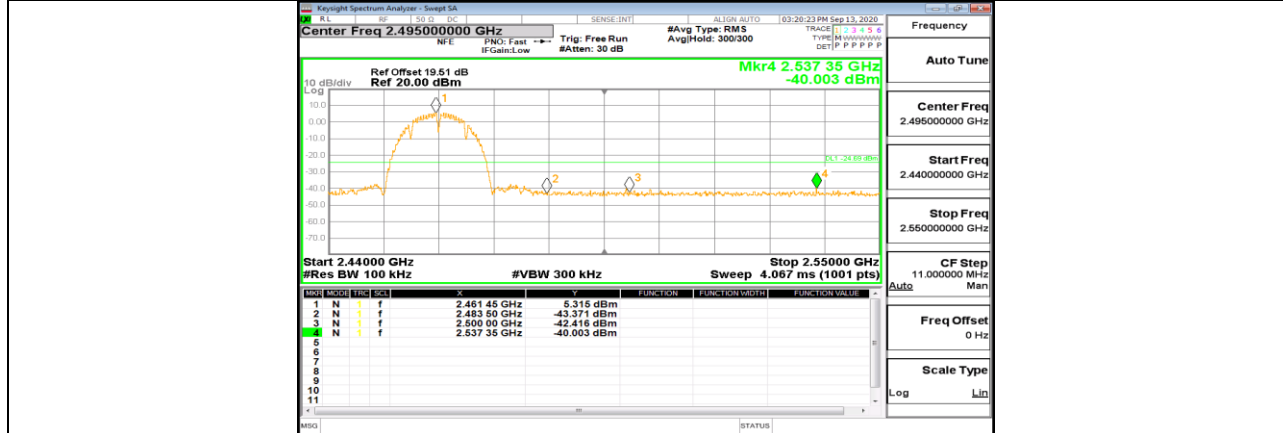
### 11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.43	-37.6	<=-23.57	PASS
		High	2462	5.32	-40	<=-24.69	PASS
11G	Ant1	Low	2412	0.62	-31.61	<=-29.38	PASS
		High	2462	1.29	-39.75	<=-28.72	PASS
11N20SISO	Ant1	Low	2412	0.71	-33.36	<=-29.29	PASS
		High	2462	0.72	-39.38	<=-29.28	PASS
11N40SISO	Ant1	Low	2422	-3.34	-36.2	<=-33.34	PASS
		High	2452	-3.35	-39.7	<=-33.35	PASS

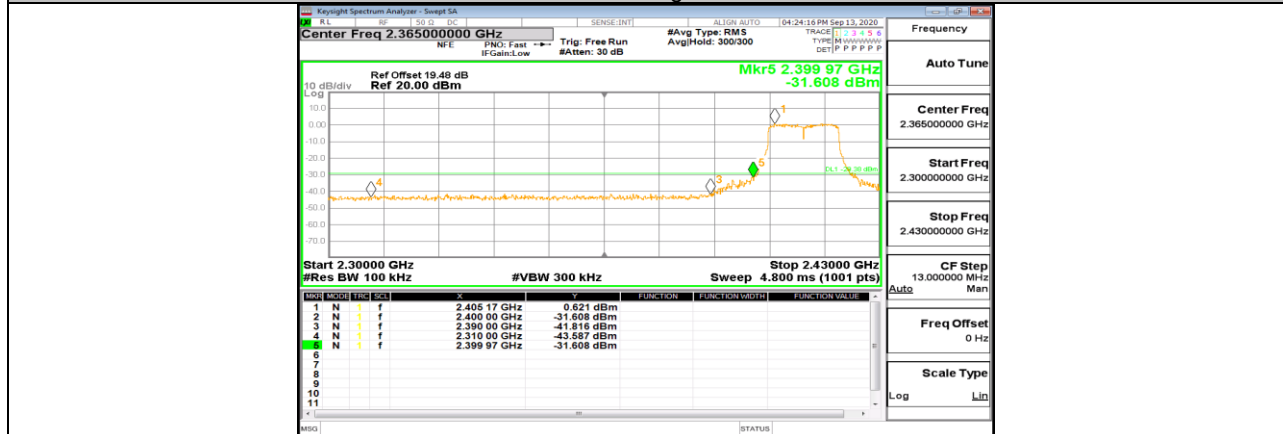
### 11.5.2. Test Graphs



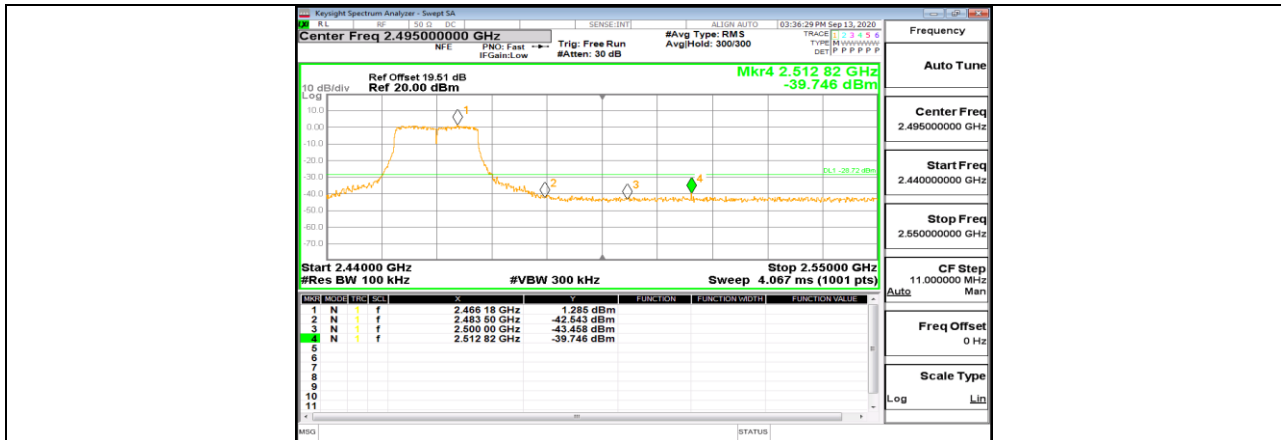
11B\_Ant1\_Low\_2412



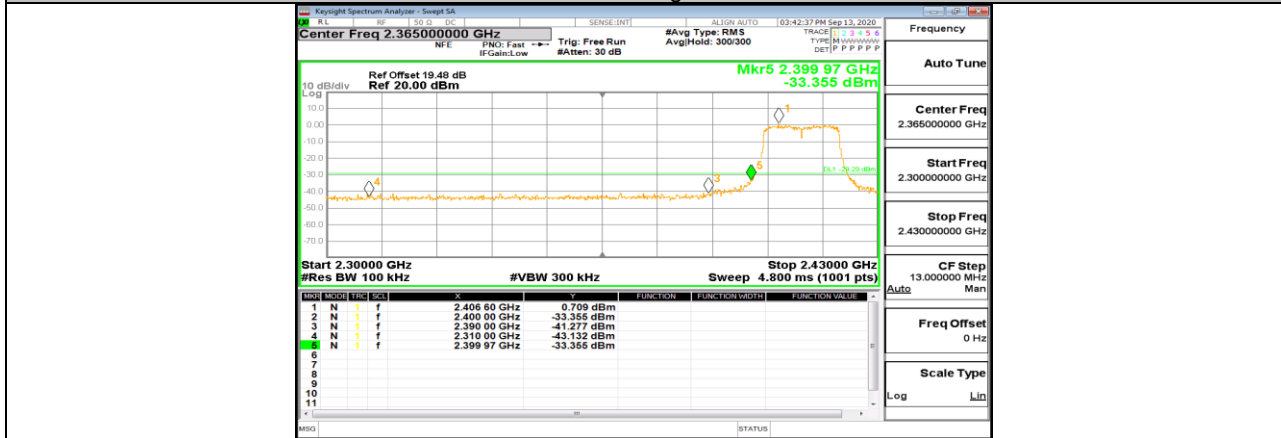
11B\_Ant1\_High\_2462



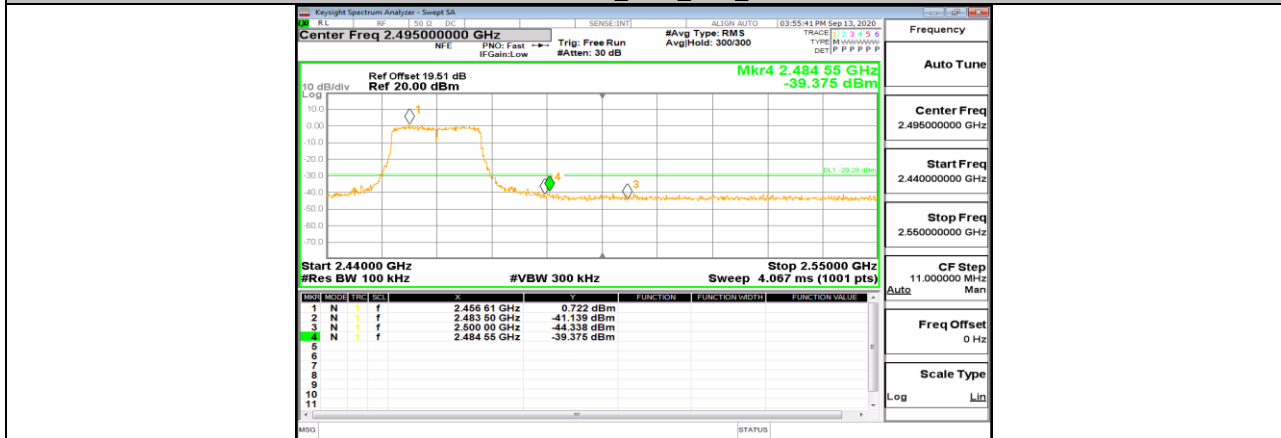
11G\_Ant1\_Low\_2412



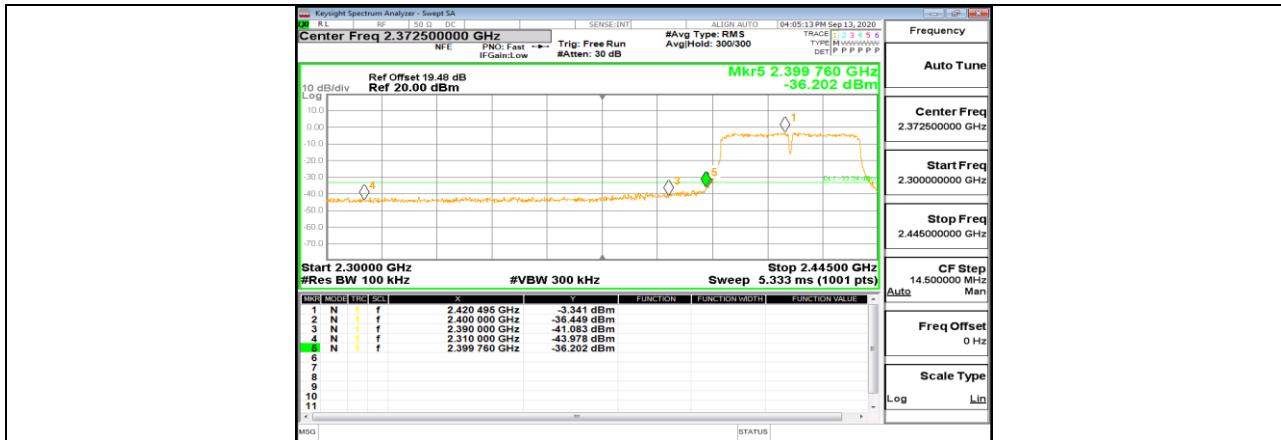
11G\_Ant1\_High\_2462



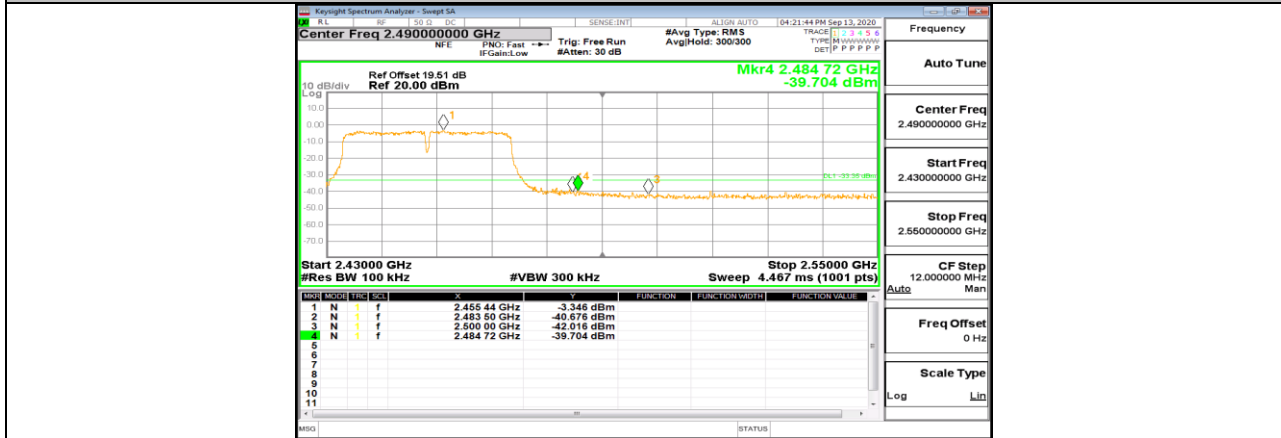
11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant1\_High\_2452



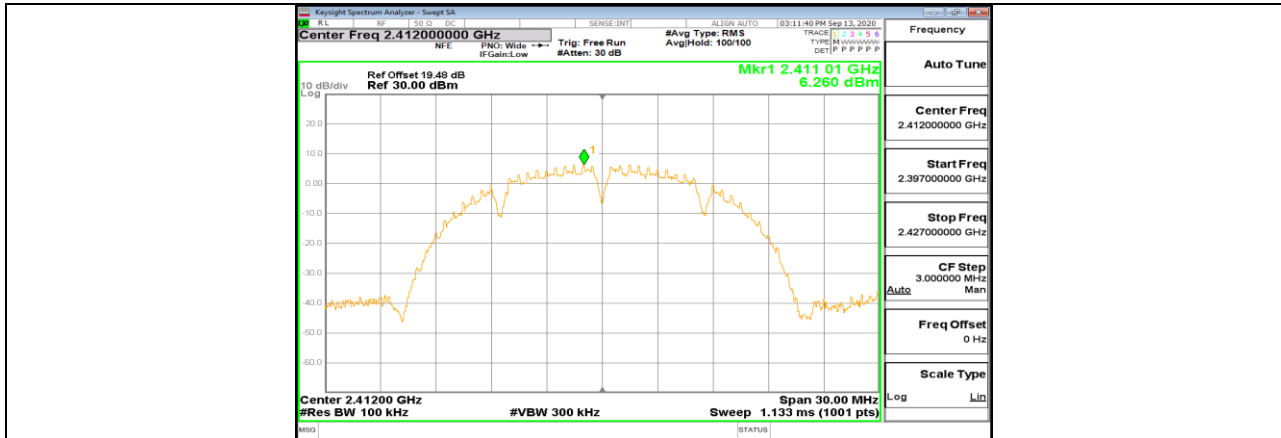
## 11.6. Appendix F: Conducted Spurious Emission

### 11.6.1. Test Result

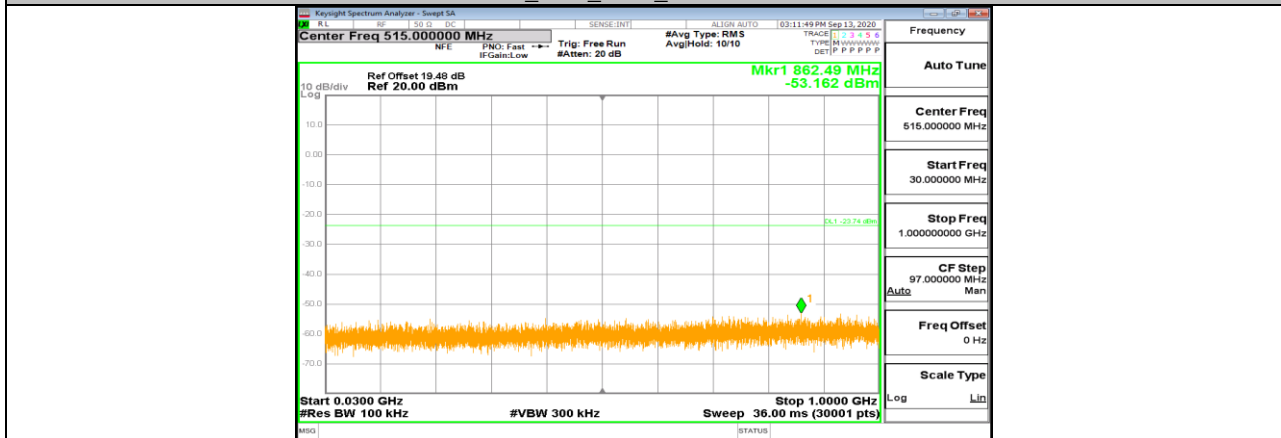
Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.26	6.26	---	PASS
			30~1000	---	-53.162	<=-23.74	PASS
			1000~26500	---	-44.527	<=-23.74	PASS
		2437	Reference	5.66	5.66	---	PASS
			30~1000	---	-53.308	<=-24.338	PASS
			1000~26500	---	-44.545	<=-24.338	PASS
		2462	Reference	5.30	5.30	---	PASS
			30~1000	---	-53.014	<=-24.705	PASS
			1000~26500	---	-44.966	<=-24.705	PASS
11G	Ant1	2412	Reference	0.45	0.45	---	PASS
			30~1000	---	-52.567	<=-29.552	PASS
			1000~26500	---	-44.158	<=-29.552	PASS
		2437	Reference	0.27	0.27	---	PASS
			30~1000	---	-52.673	<=-29.73	PASS
			1000~26500	---	-44.33	<=-29.73	PASS
		2462	Reference	0.89	0.89	---	PASS
			30~1000	---	-52.417	<=-29.106	PASS
			1000~26500	---	-44.709	<=-29.106	PASS
11N20SISO	Ant1	2412	Reference	0.07	0.07	---	PASS
			30~1000	---	-52.518	<=-29.929	PASS
			1000~26500	---	-44.146	<=-29.929	PASS
		2437	Reference	0.27	0.27	---	PASS
			30~1000	---	-52.864	<=-29.731	PASS
			1000~26500	---	-44.726	<=-29.731	PASS
		2462	Reference	-0.14	-0.14	---	PASS
			30~1000	---	-52.793	<=-30.135	PASS
			1000~26500	---	-43.139	<=-30.135	PASS
11N40SISO	Ant1	2422	Reference	-3.29	-3.29	---	PASS
			30~1000	---	-53.275	<=-33.293	PASS
			1000~26500	---	-44.963	<=-33.293	PASS
		2437	Reference	-3.45	-3.45	---	PASS
			30~1000	---	-52.65	<=-33.446	PASS
			1000~26500	---	-44.009	<=-33.446	PASS
		2452	Reference	-3.06	-3.06	---	PASS
			30~1000	---	-53.617	<=-33.057	PASS
			1000~26500	---	-44.783	<=-33.057	PASS



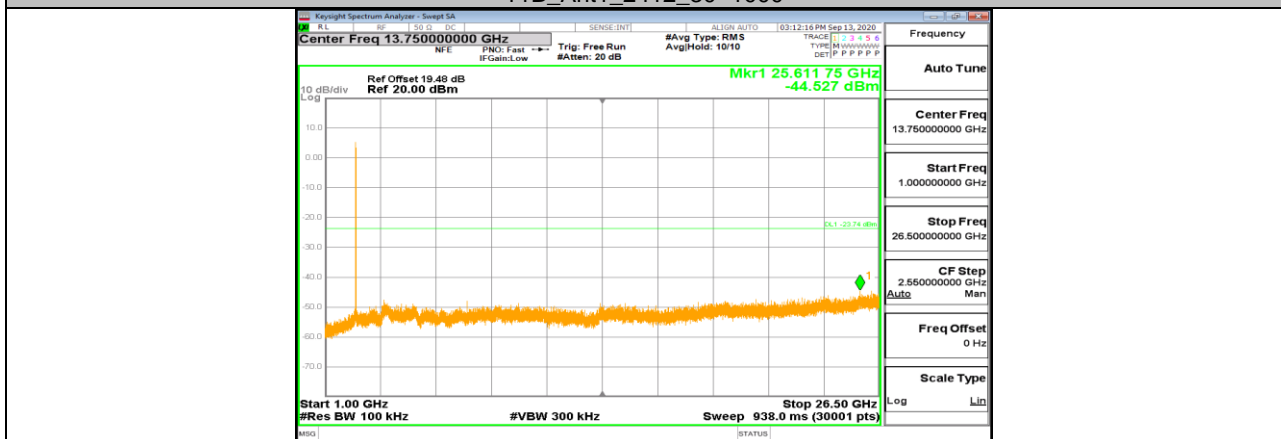
### 11.6.2. Test Graphs



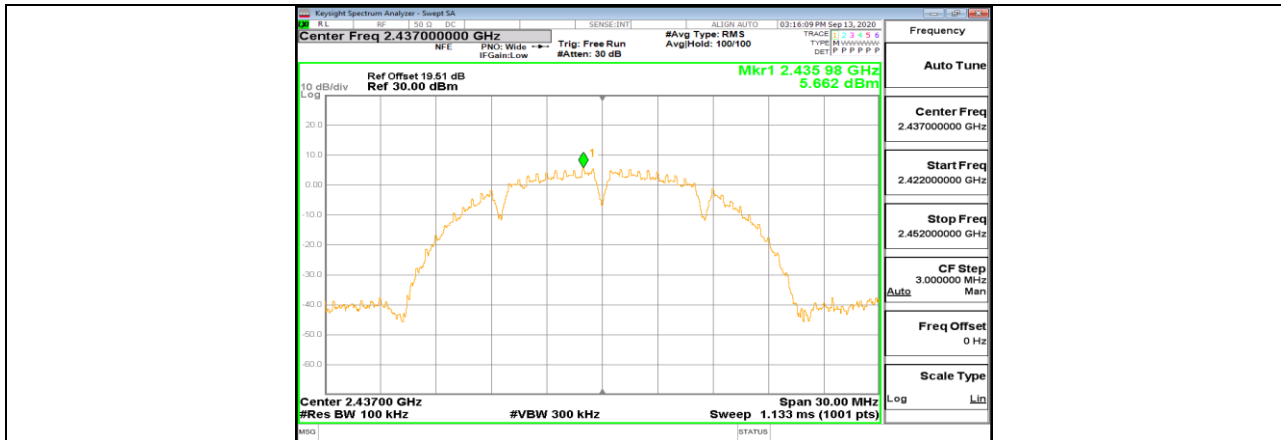
11B\_Ant1\_2412\_0-Reference



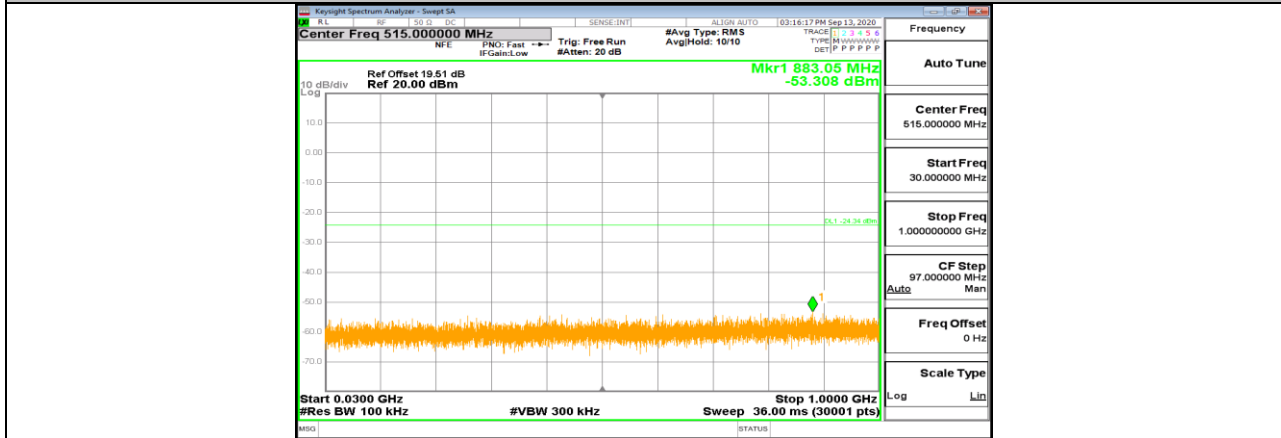
11B\_Ant1\_2412\_30-1000



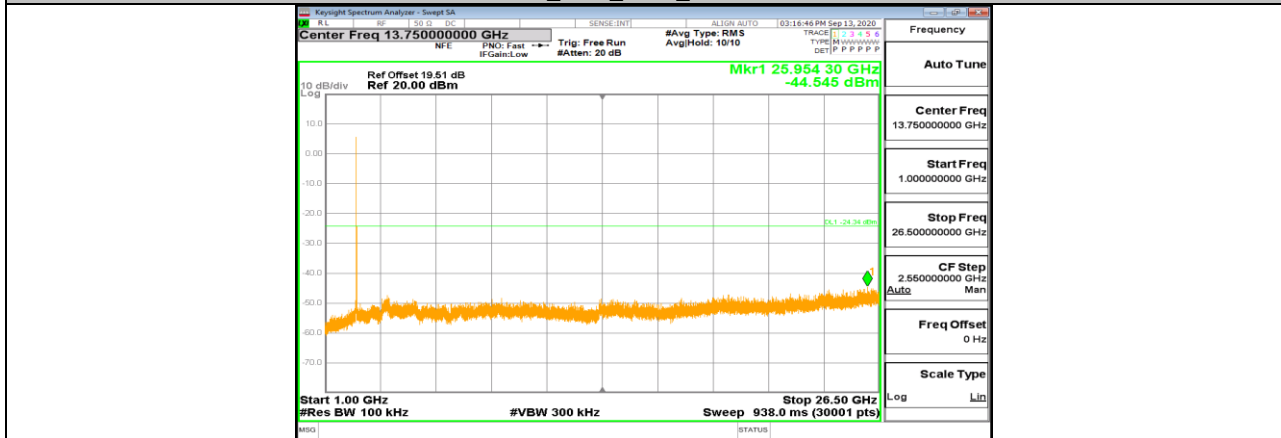
11B\_Ant1\_2412\_1000-26500



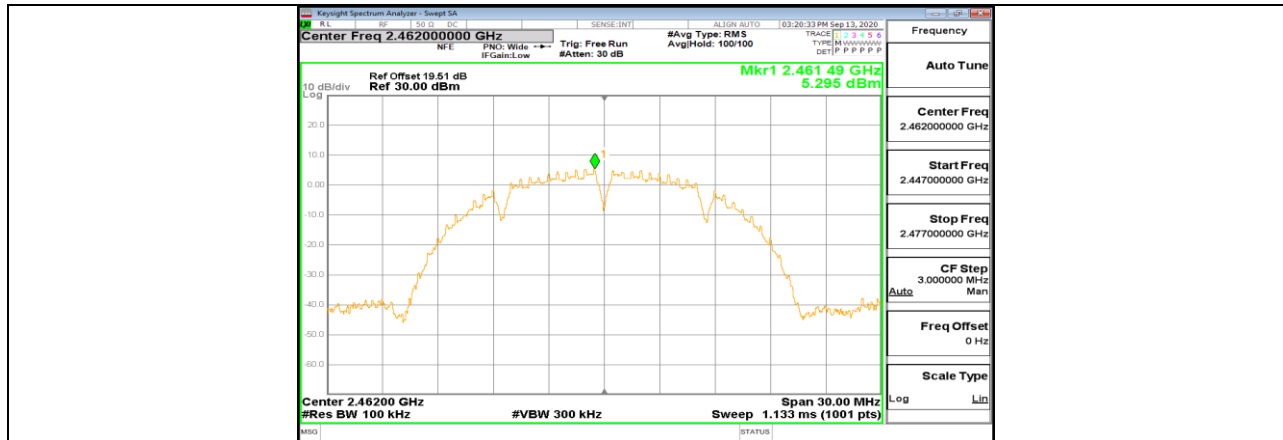
11B\_Ant1\_2437\_0-Reference



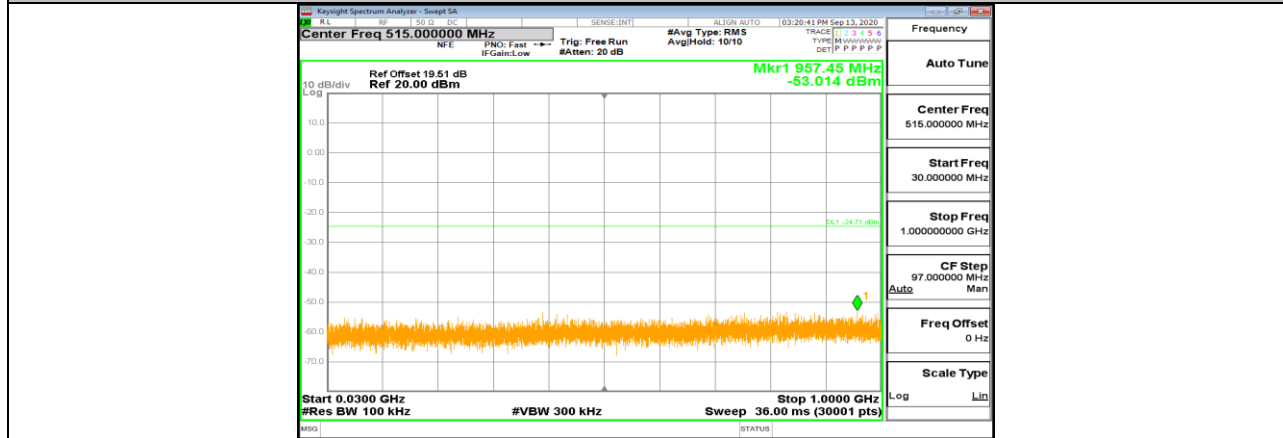
11B\_Ant1\_2437\_30-1000



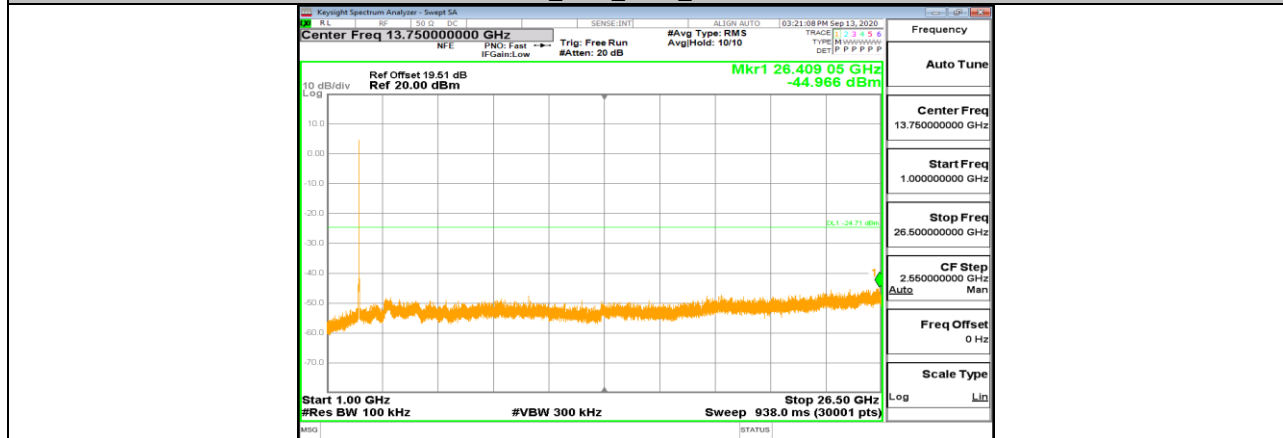
11B\_Ant1\_2437\_1000-26500



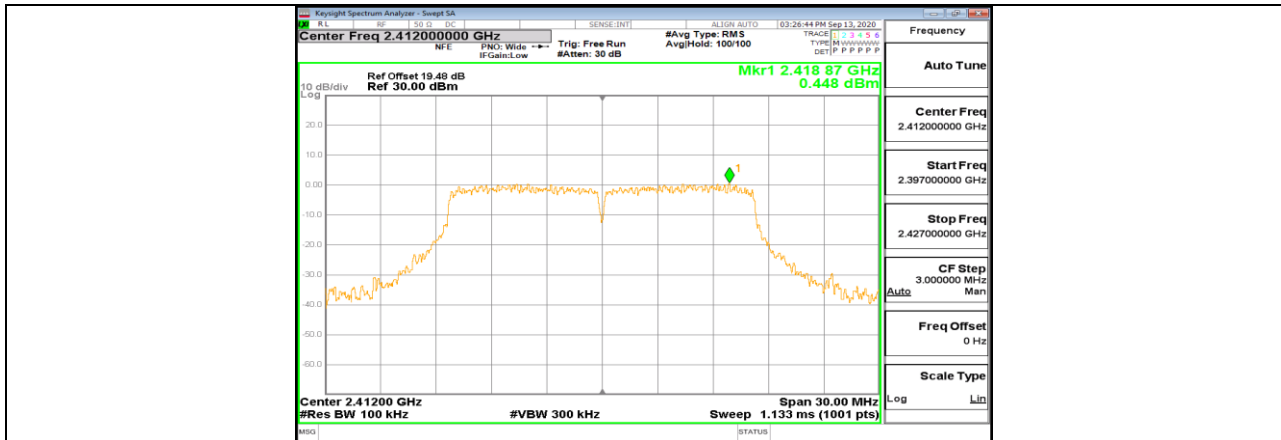
11B\_Ant1\_2462\_0-Reference



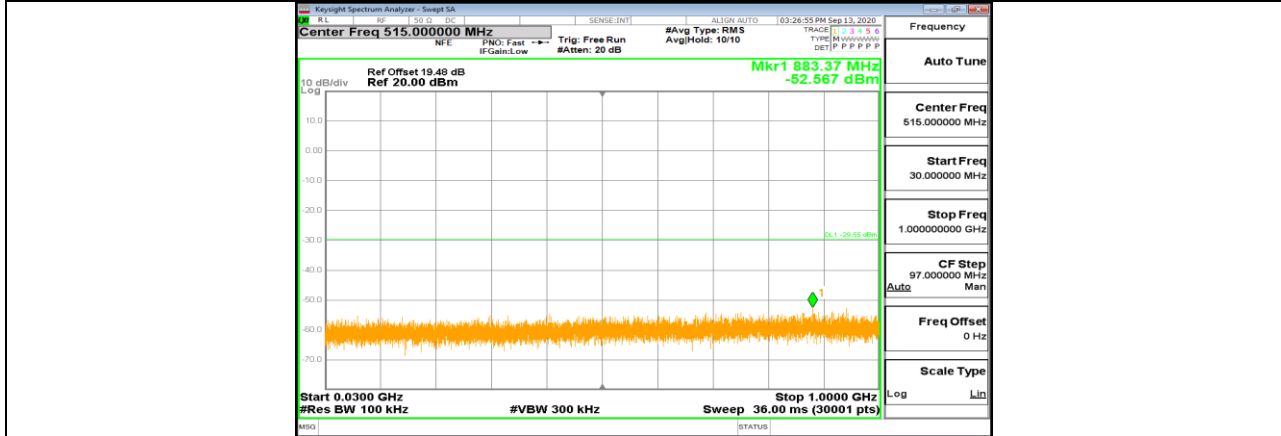
11B\_Ant1\_2462\_30-1000



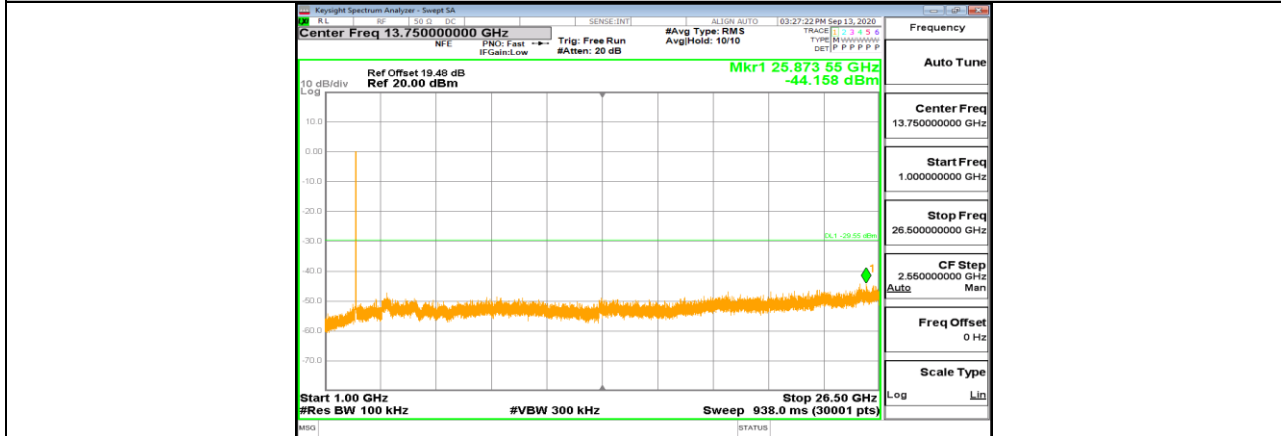
11B\_Ant1\_2462\_1000-26500



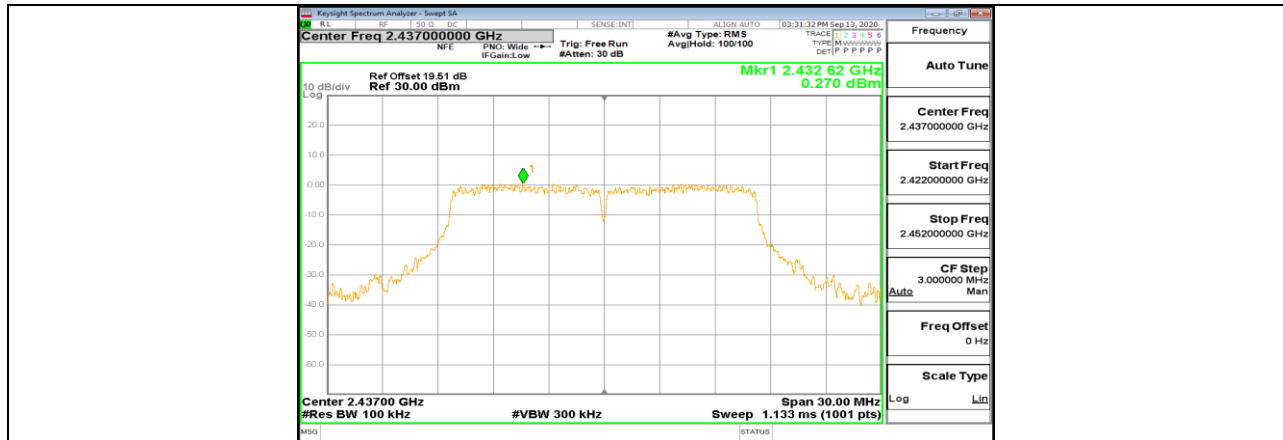
11G\_Ant1\_2412\_0-Reference



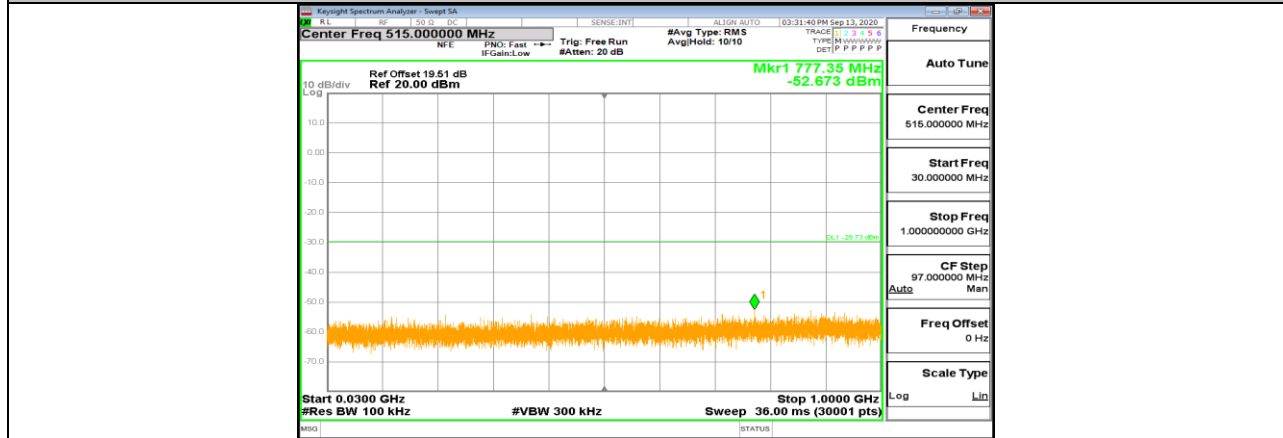
11G\_Ant1\_2412\_30-1000



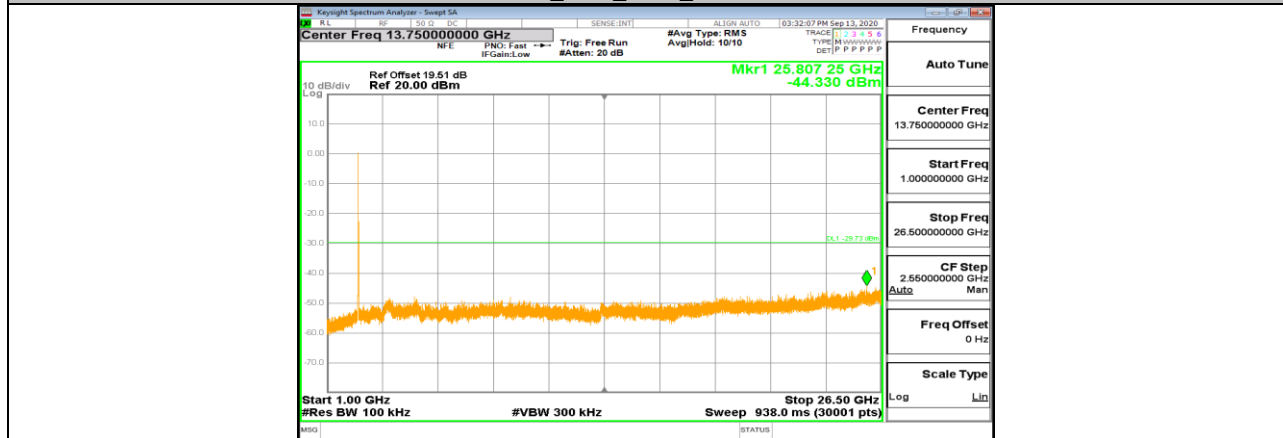
11G\_Ant1\_2412\_1000-26500



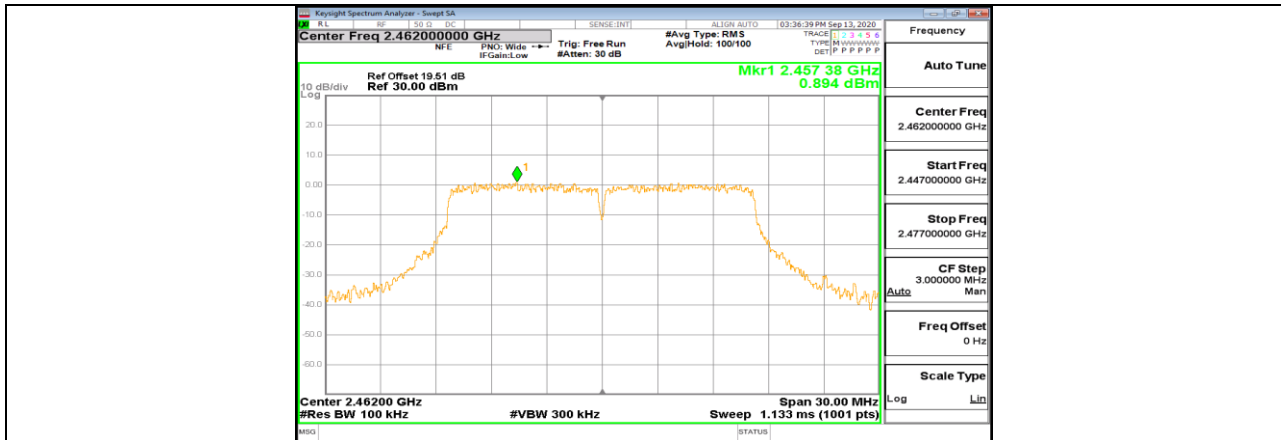
11G\_Ant1\_2437\_0-Reference



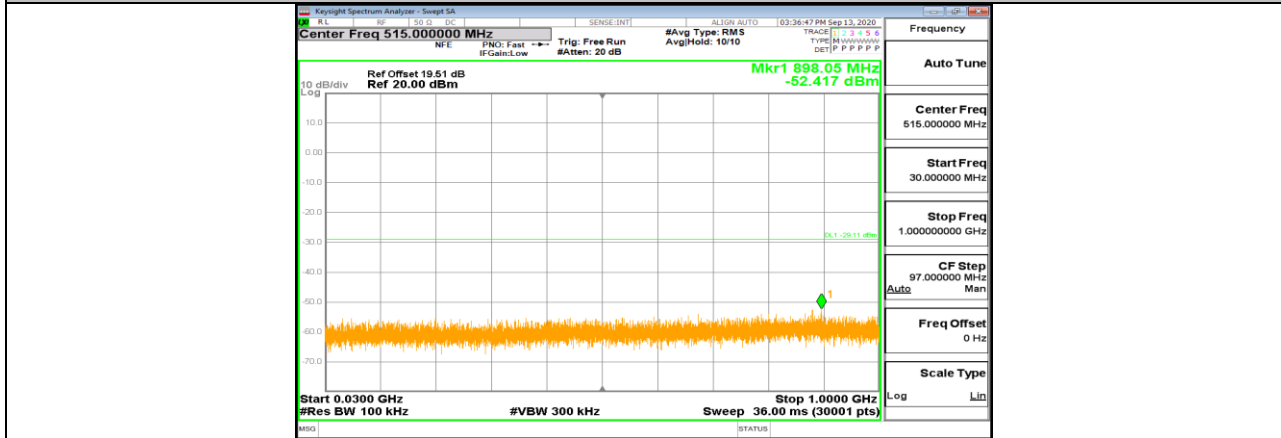
11G\_Ant1\_2437\_30-1000



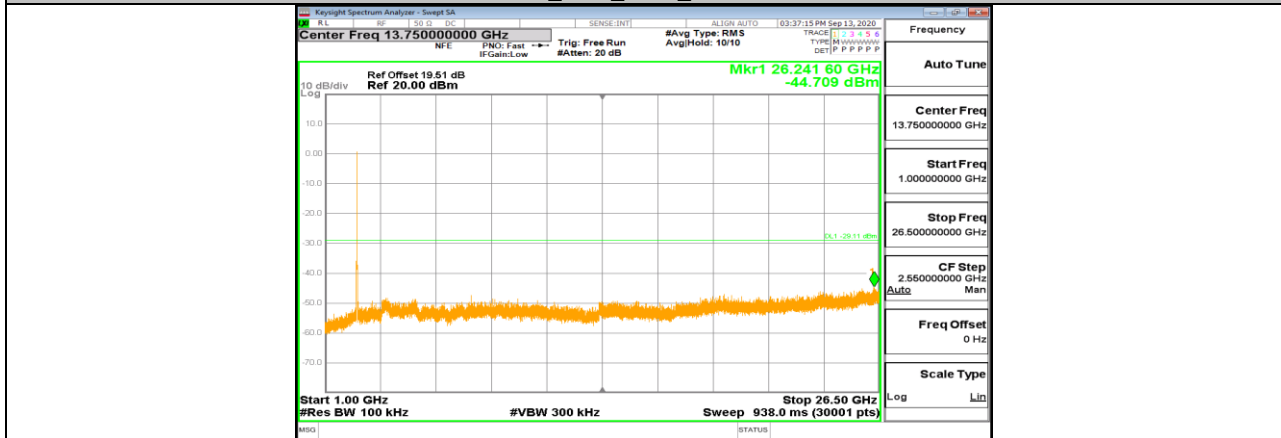
11G\_Ant1\_2437\_1000-26500



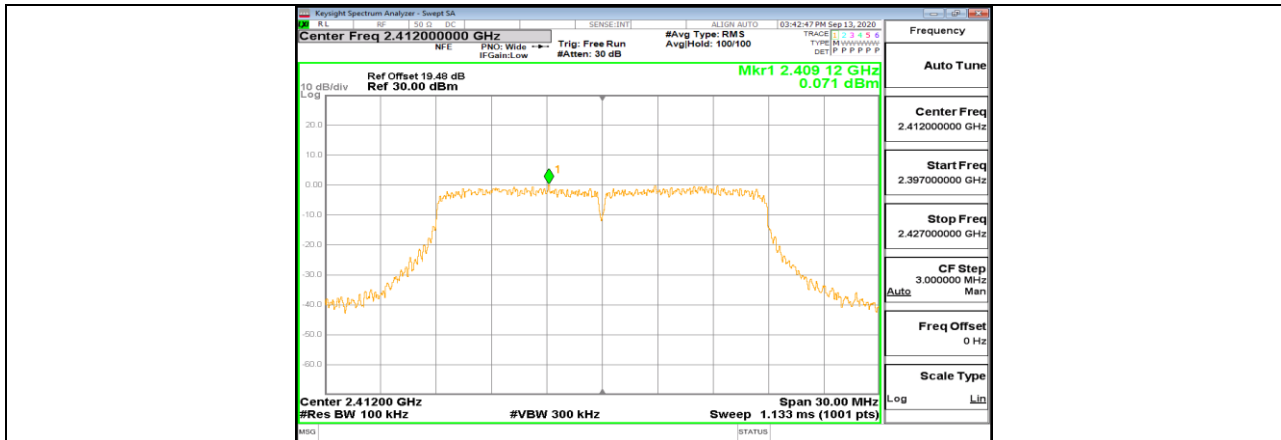
11G\_Ant1\_2462\_0-Reference



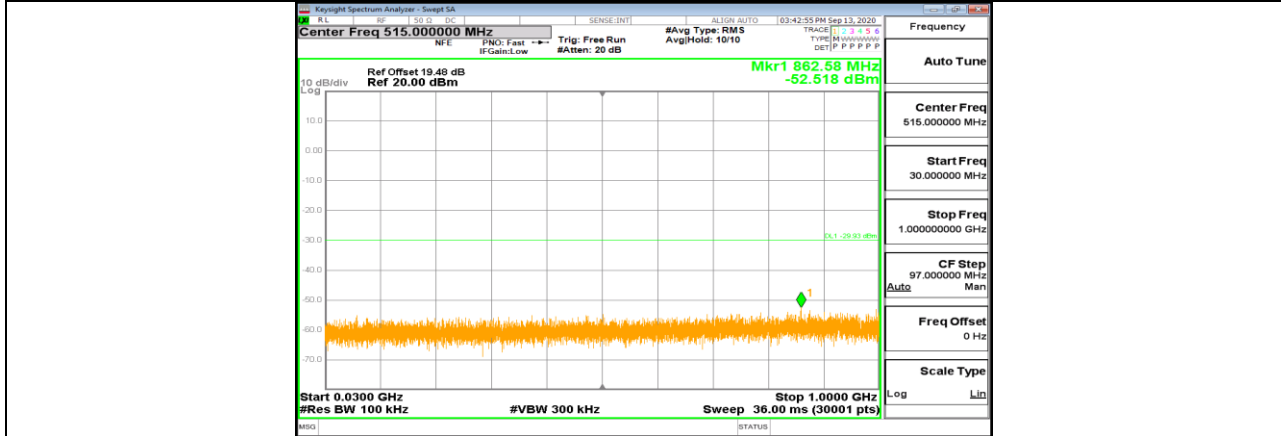
11G\_Ant1\_2462\_30-1000



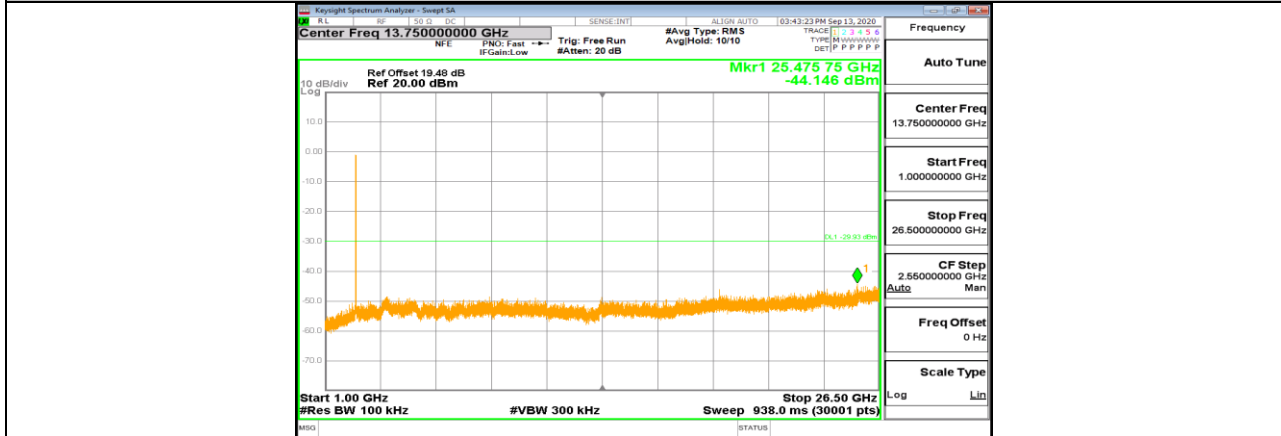
11G\_Ant1\_2462\_1000-26500



11N20SISO\_Ant1\_2412\_0~Reference

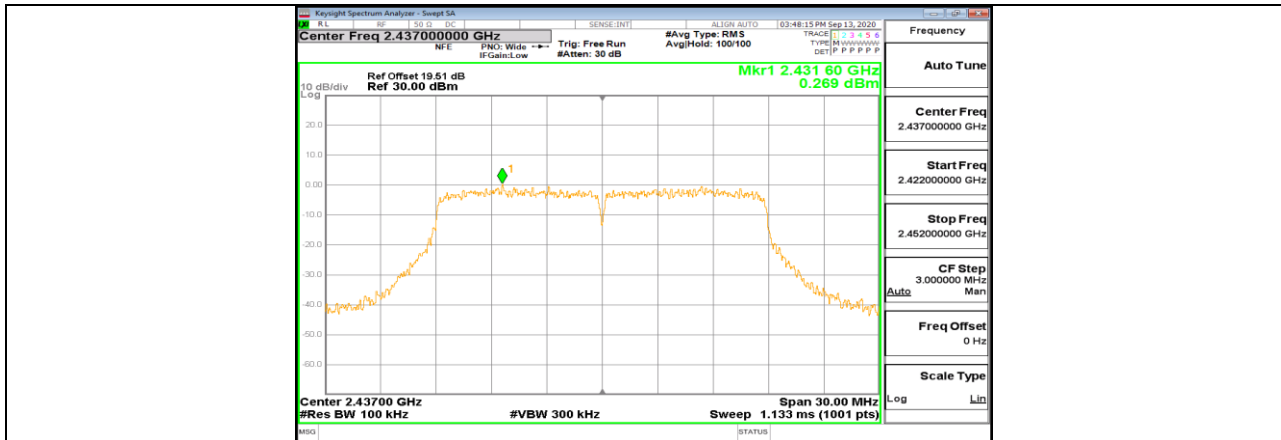


11N20SISO\_Ant1\_2412\_30~100

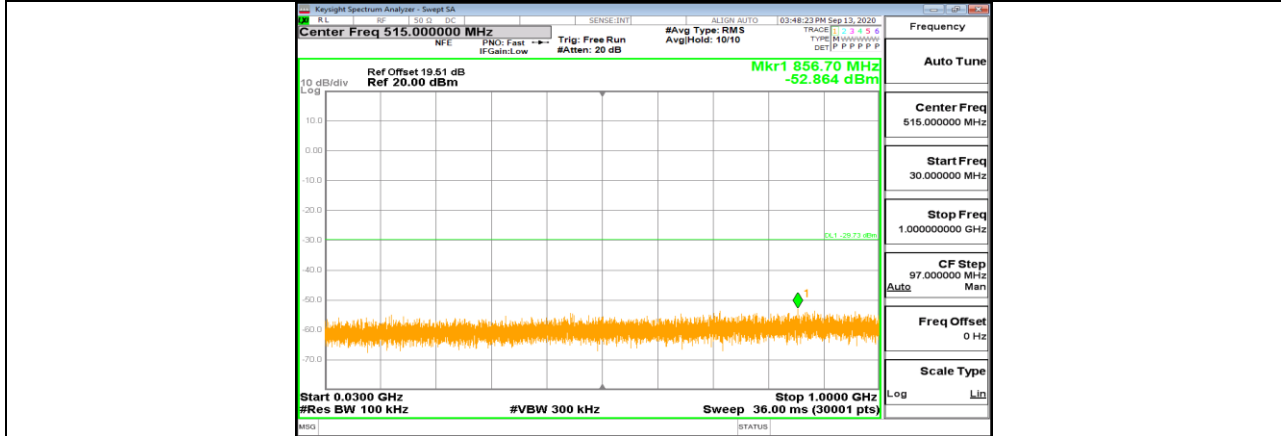


11N20SISO\_Ant1\_2412\_1000~26500

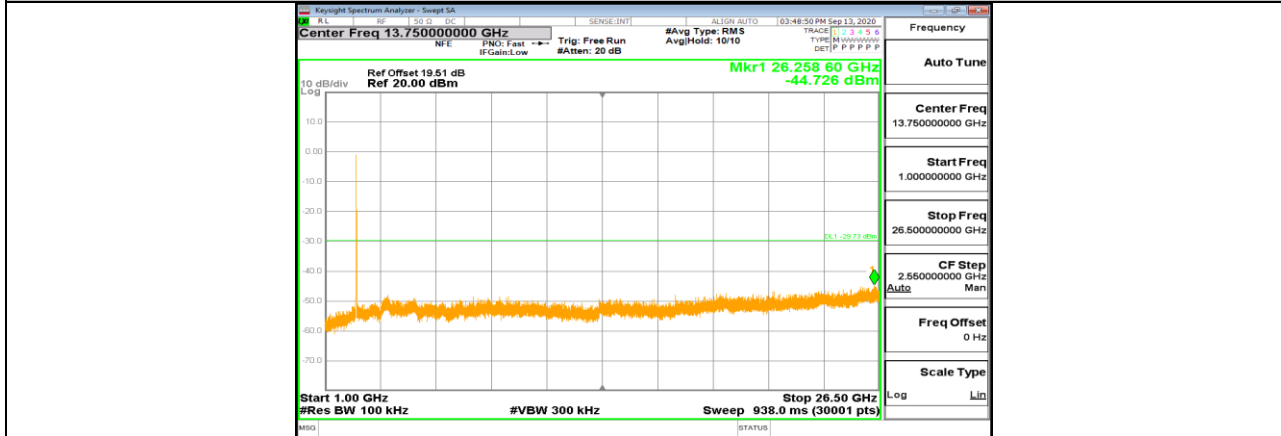




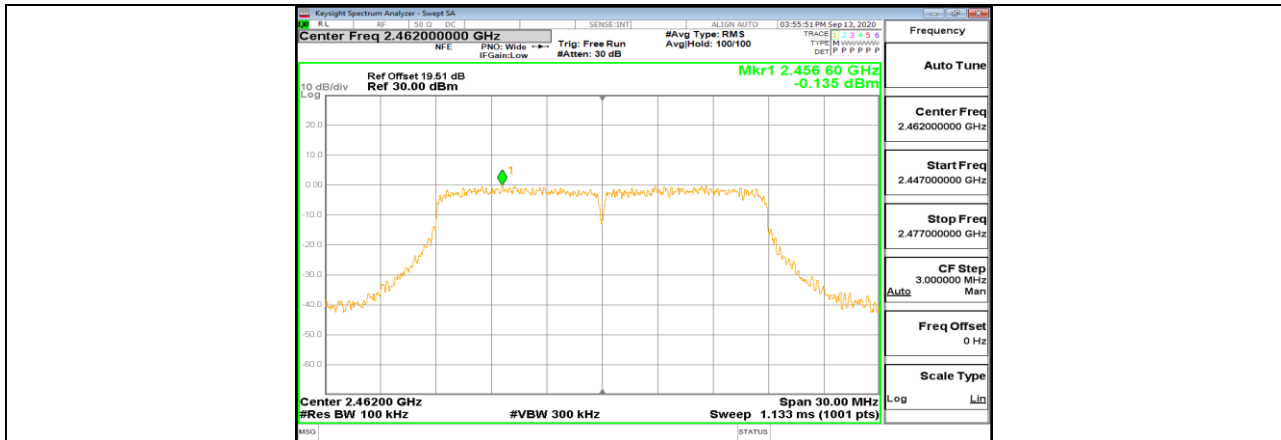
11N20SISO\_Ant1\_2437\_0~Reference



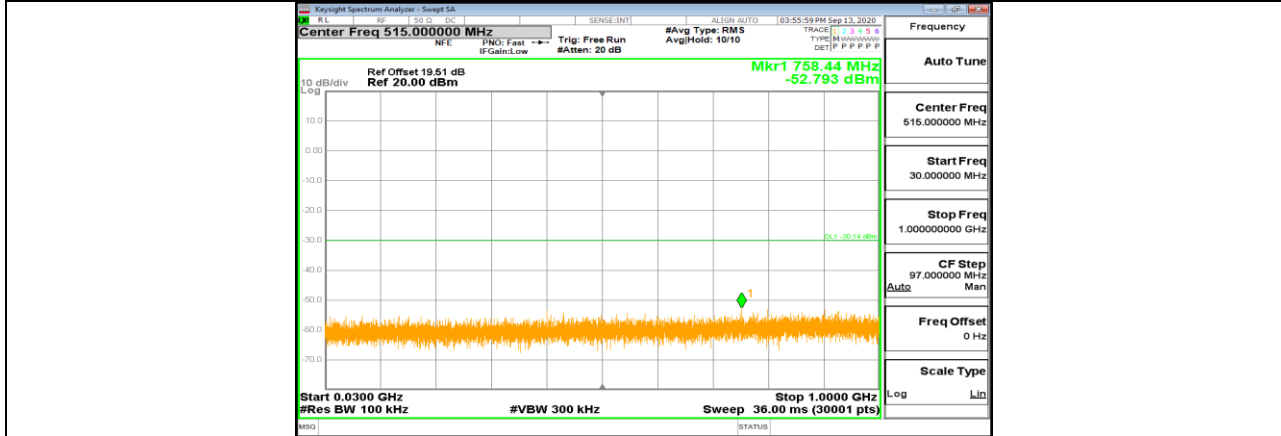
11N20SISO\_Ant1\_2437\_30~100



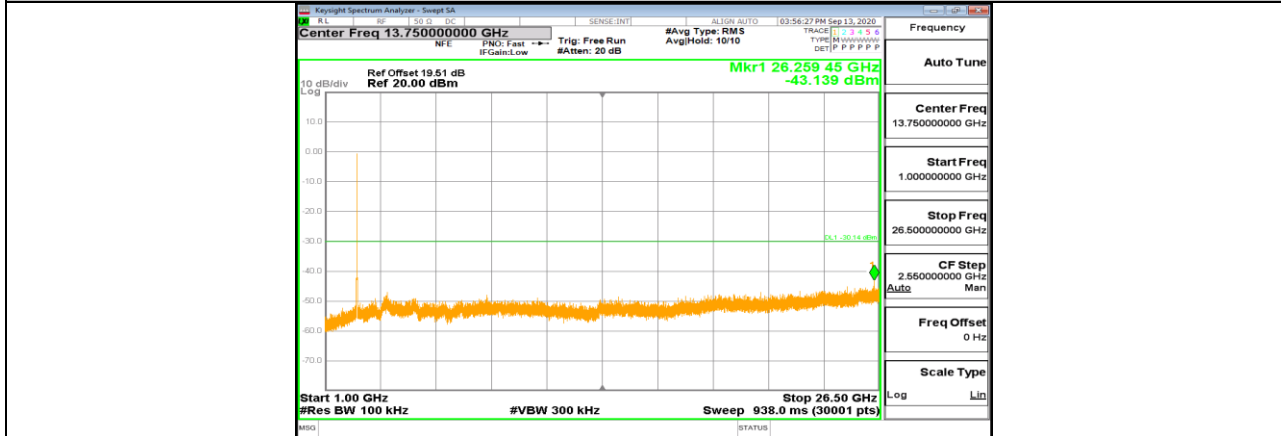
11N20SISO\_Ant1\_2437\_1000~26500



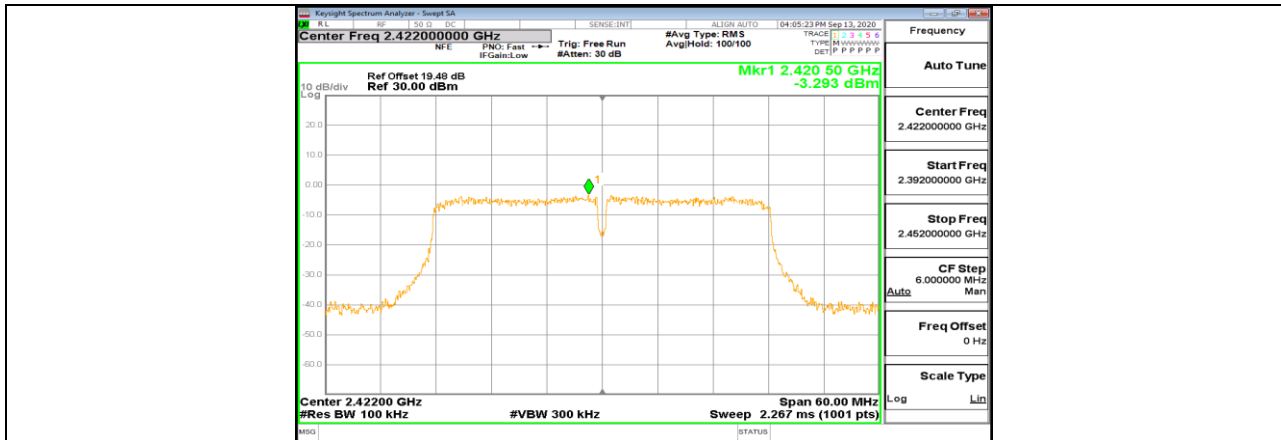
11N20SISO\_Ant1\_2462\_0-Reference



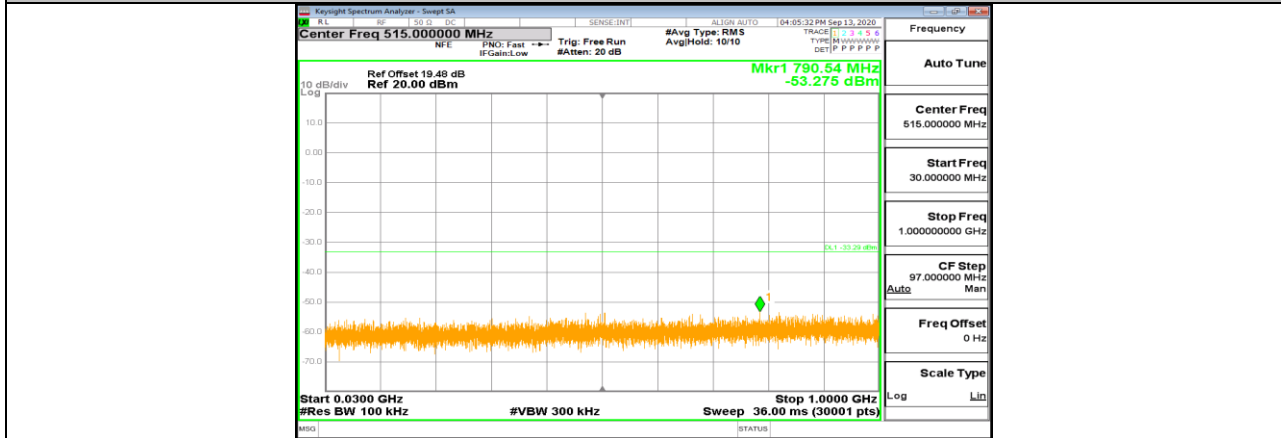
11N20SISO\_Ant1\_2462\_30-100



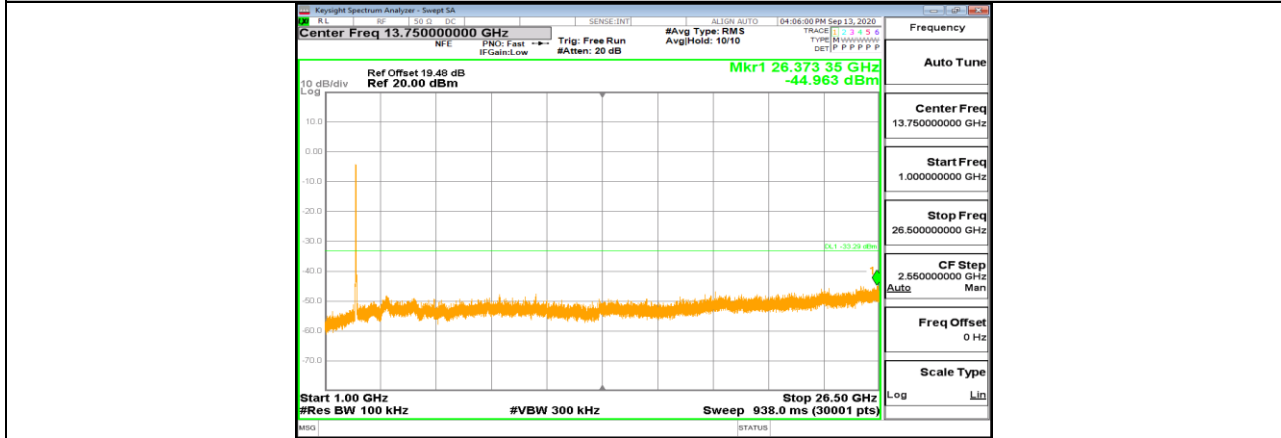
11N20SISO\_Ant1\_2462\_1000-26500



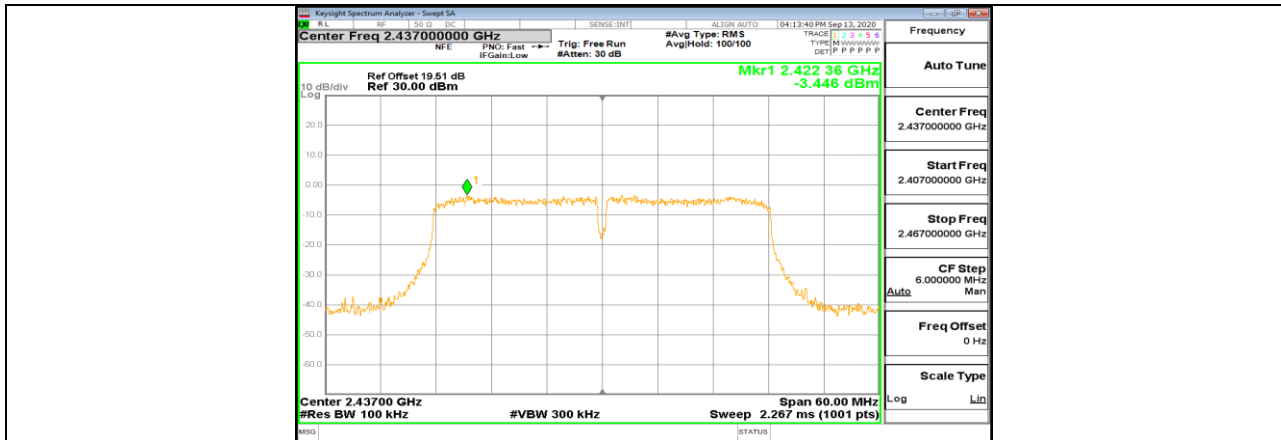
11N40SISO\_Ant1\_2422\_0-Reference



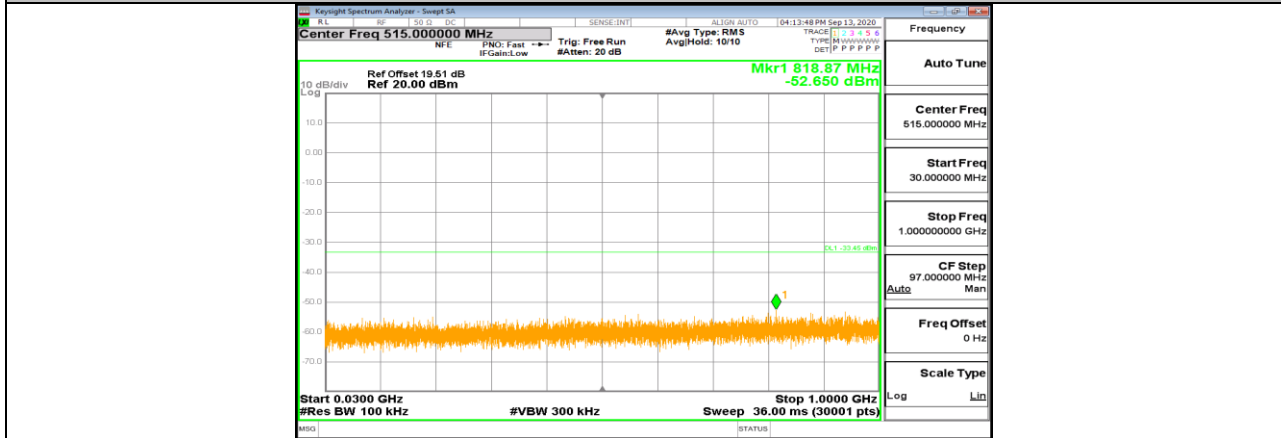
11N40SISO\_Ant1\_2422\_30-100



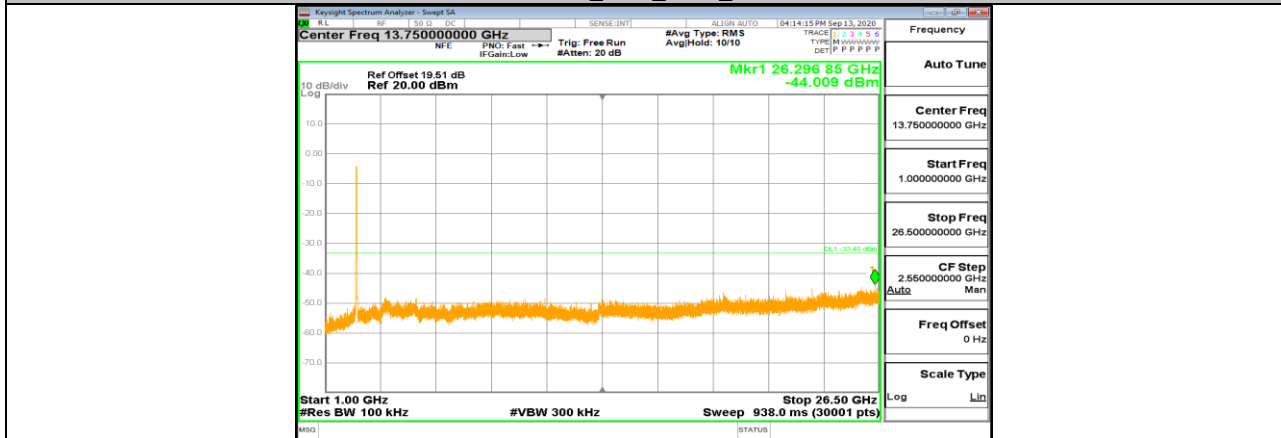
11N40SISO\_Ant1\_2422\_1000-26500



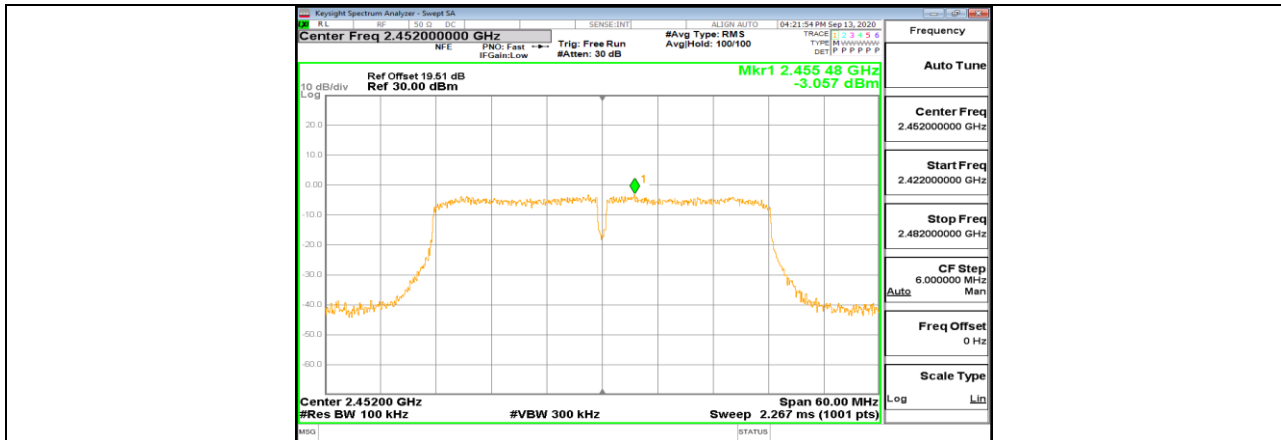
11N40SISO\_Ant1\_2437\_0~Reference



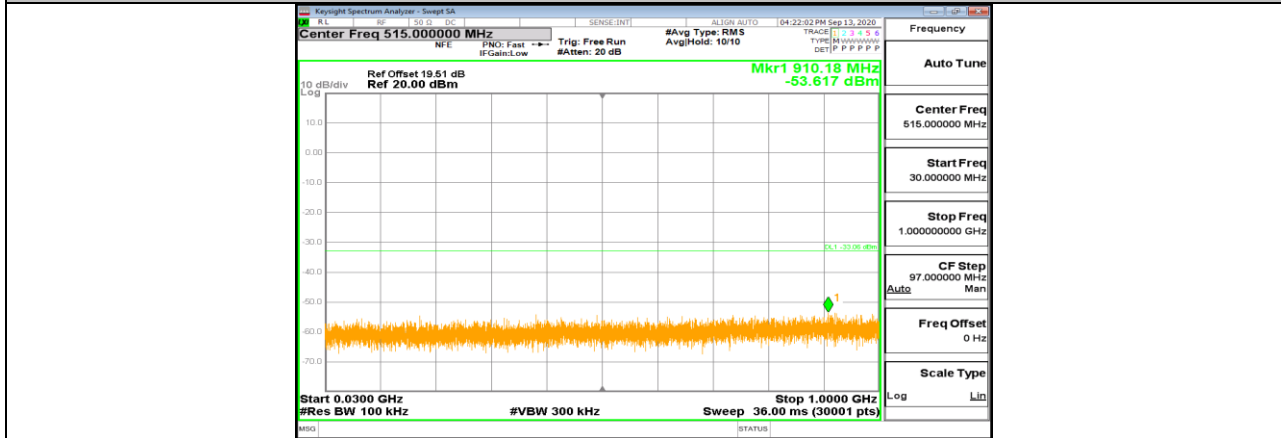
11N40SISO\_Ant1\_2437\_30~100



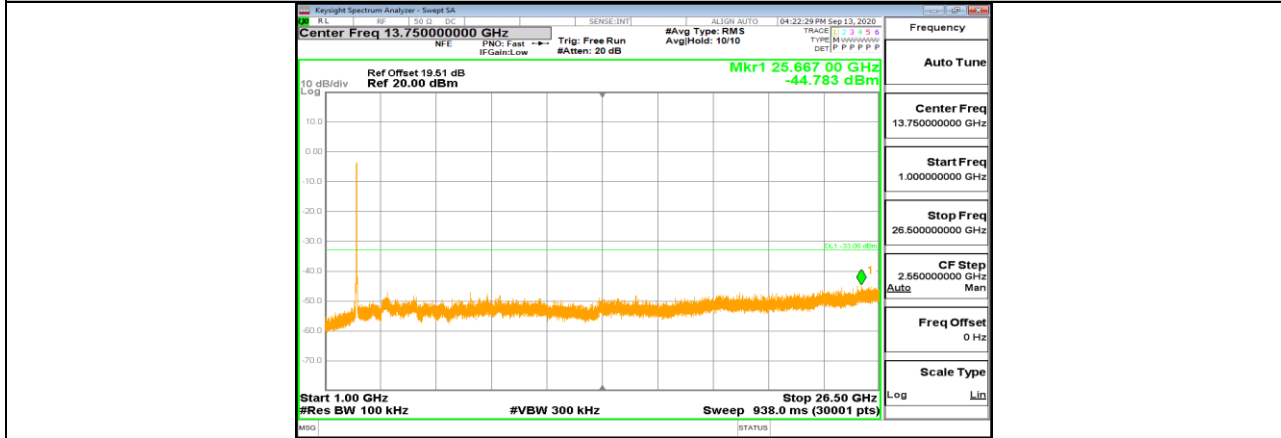
11N40SISO\_Ant1\_2437\_1000~26500



11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~100



11N40SISO\_Ant1\_2452\_1000~26500



**11.7. Appendix G: Duty Cycle**  
**11.7.1. Test Result**

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	110.0	110.0	1	100	0	0.01	0.01
11G	100.1	100.1	1	100	0	0.01	0.01
11N20SISO	100.1	100.1	1	100	0	0.01	0.01
11N40SISO	100.1	100.1	1	100	0	0.01	0.01

Note:

Duty Cycle Correction Factor=10log (1/x).

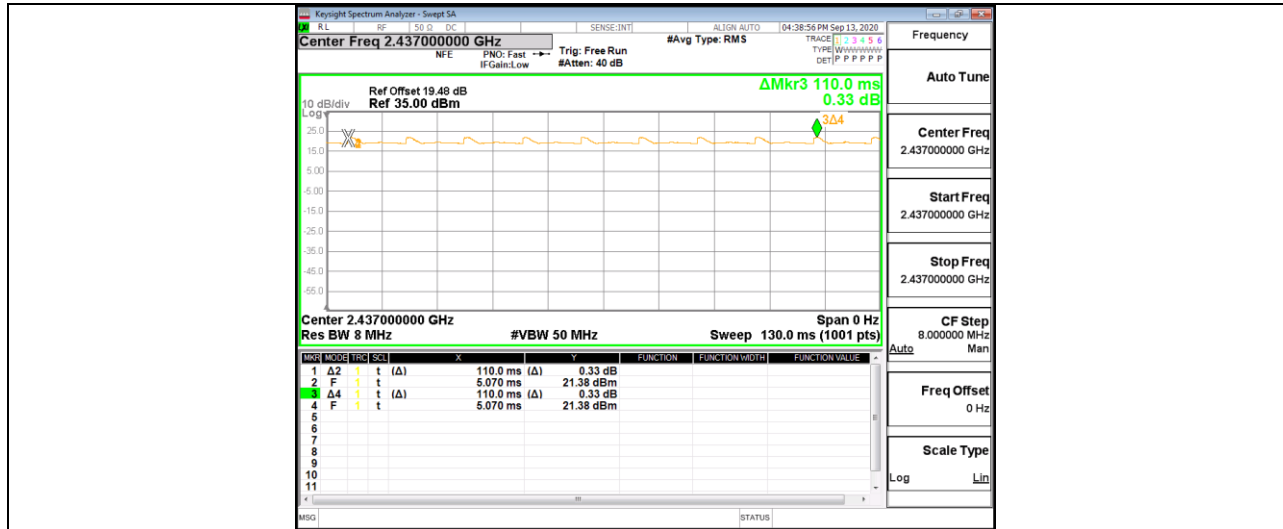
Where: x is Duty Cycle (Linear)

Where: T is On Time

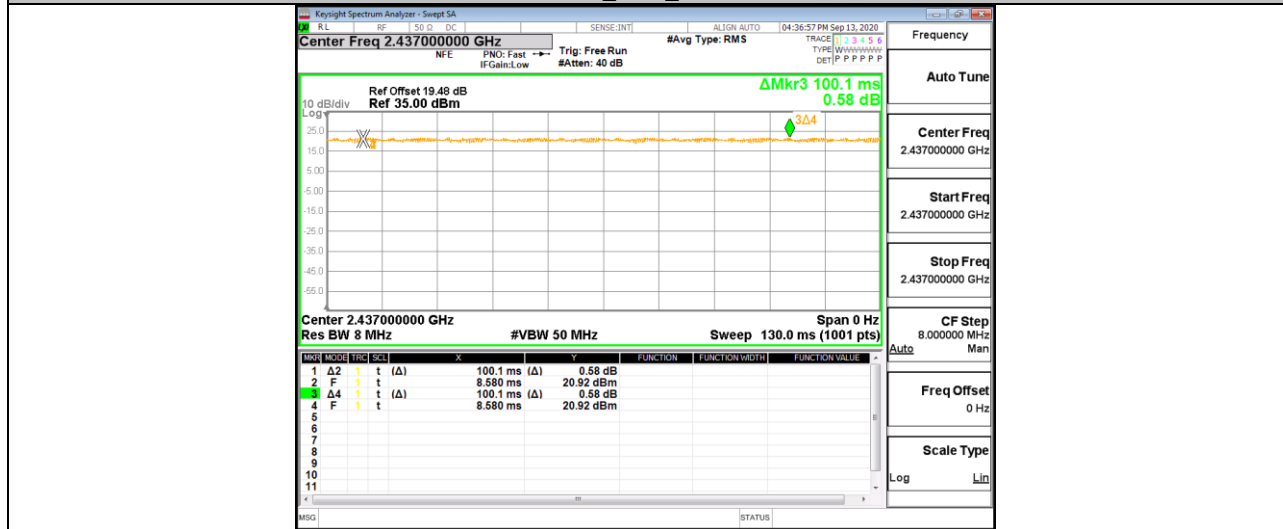
If that calculated VBW is not available on the analyzer then the next higher value should be used.



### 11.7.2. Test Graphs



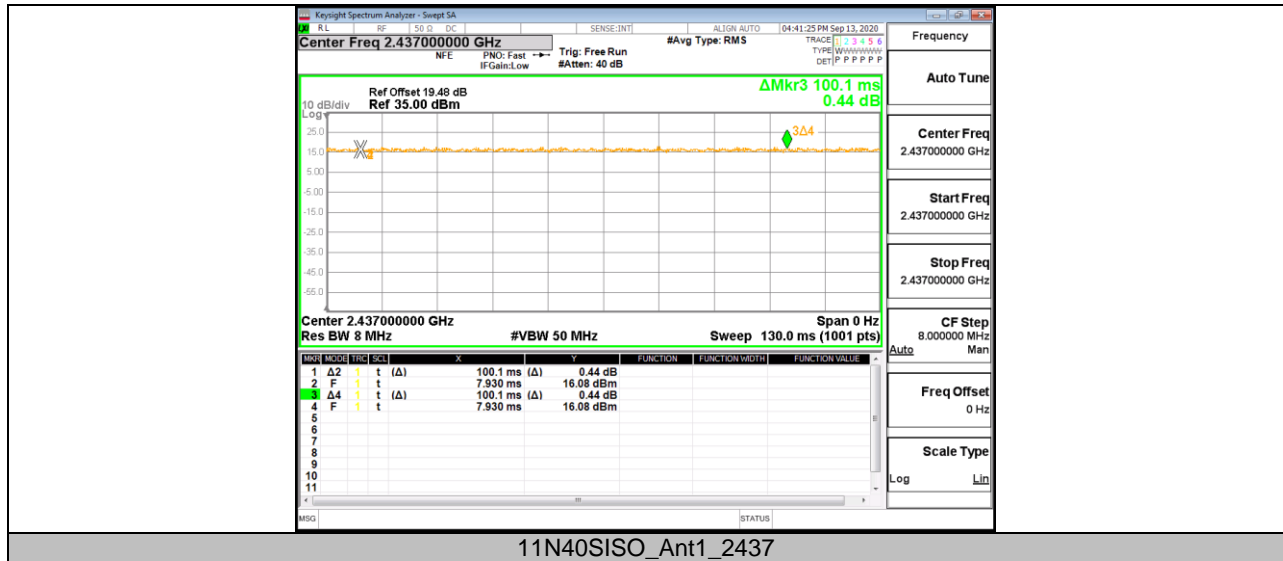
11B\_Ant1\_2437



11G\_Ant1\_2437



11N20SIS0\_Ant1\_2437



END OF REPORT