

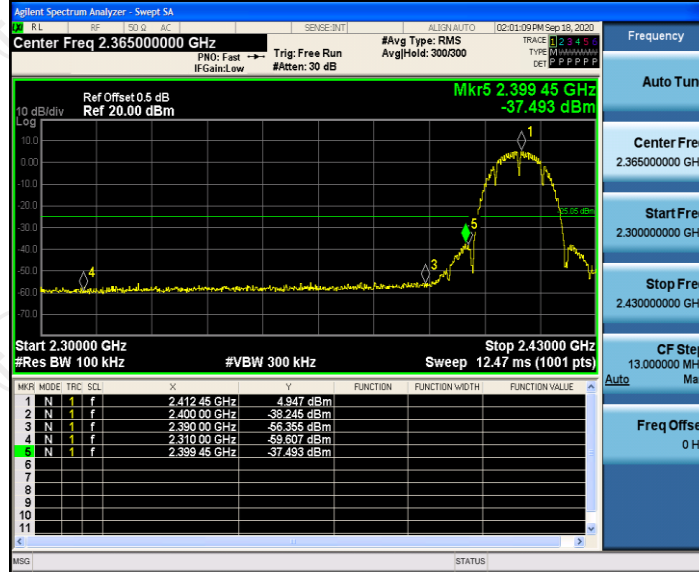
### Band edge measurements

#### Test Result

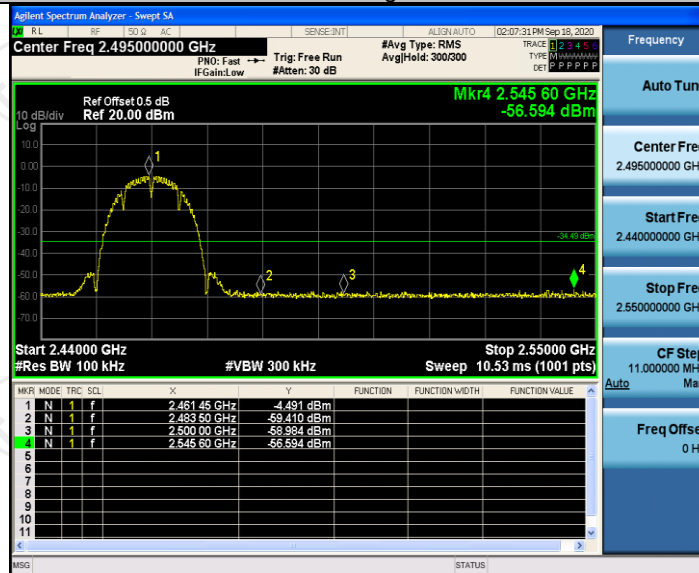
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	4.95	-37.49	<=-25.05	PASS
		High	2462	-4.49	-56.59	<=-34.49	PASS
11G	Ant1	Low	2412	-0.21	-31.81	<=-30.21	PASS
		High	2462	-0.66	-48.04	<=-30.66	PASS
11N20SISO	Ant1	Low	2412	0.04	-33.53	<=-29.96	PASS
		High	2462	-0.24	-46.75	<=-30.24	PASS
11N40SISO	Ant1	Low	2422	-3.30	-35.49	<=-33.3	PASS
		High	2452	-3.38	-43.44	<=-33.38	PASS

## Test Graphs

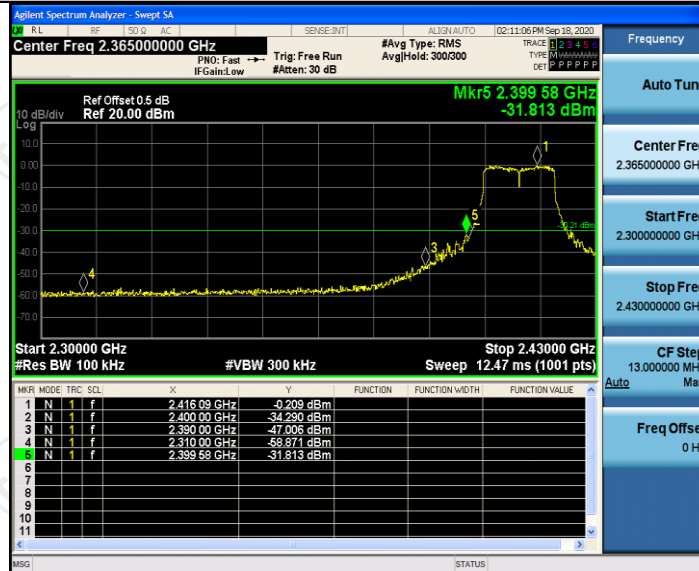
11B\_Ant1\_Low\_2412



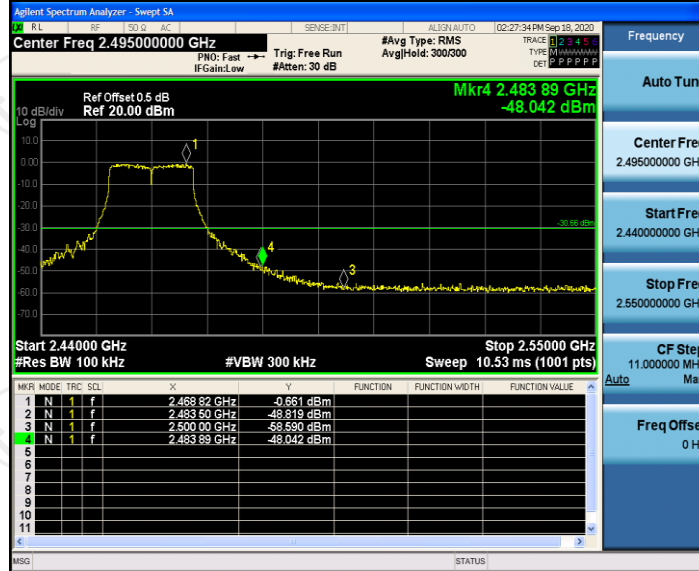
11B\_Ant1\_High\_2462



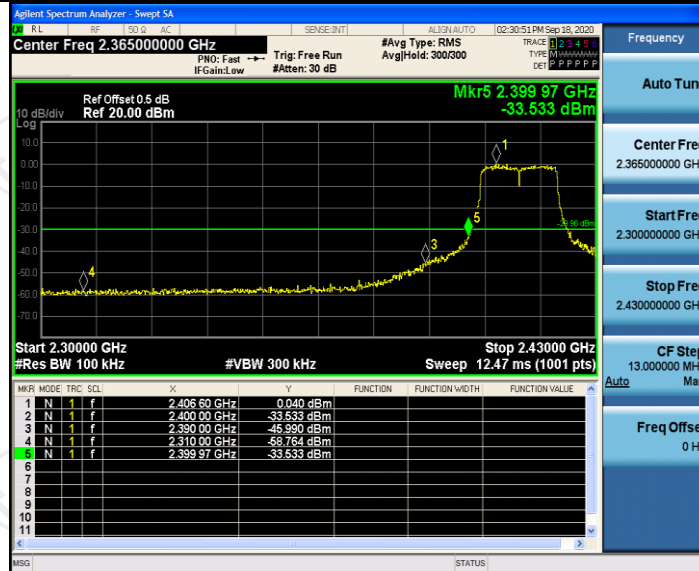
11G\_Ant1\_Low\_2412



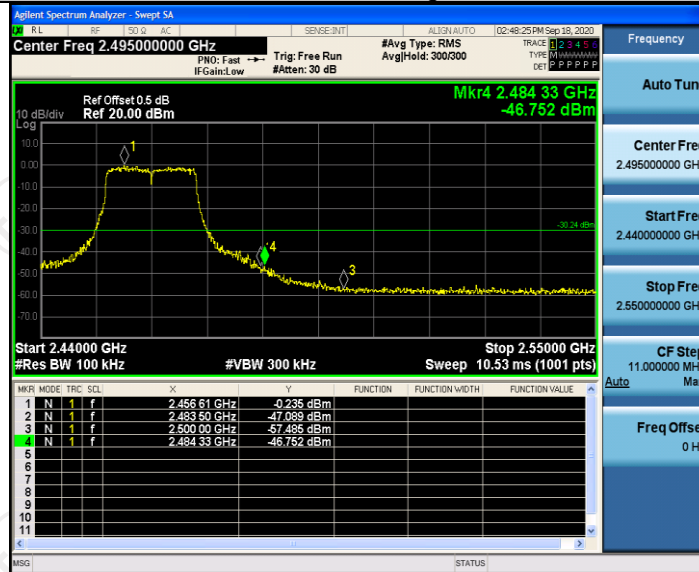
## 11G\_Ant1\_High\_2462



## 11N20SISO\_Ant1\_Low\_2412



## 11N20SISO\_Ant1\_High\_2462



## 11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant1\_High\_2452

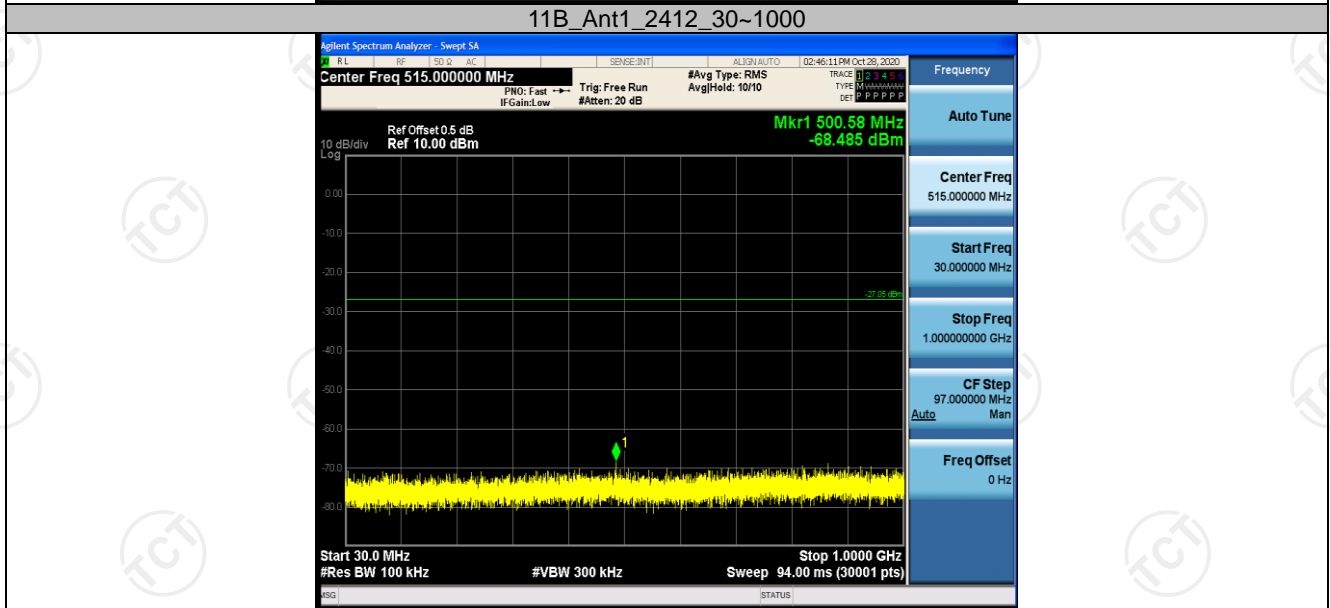
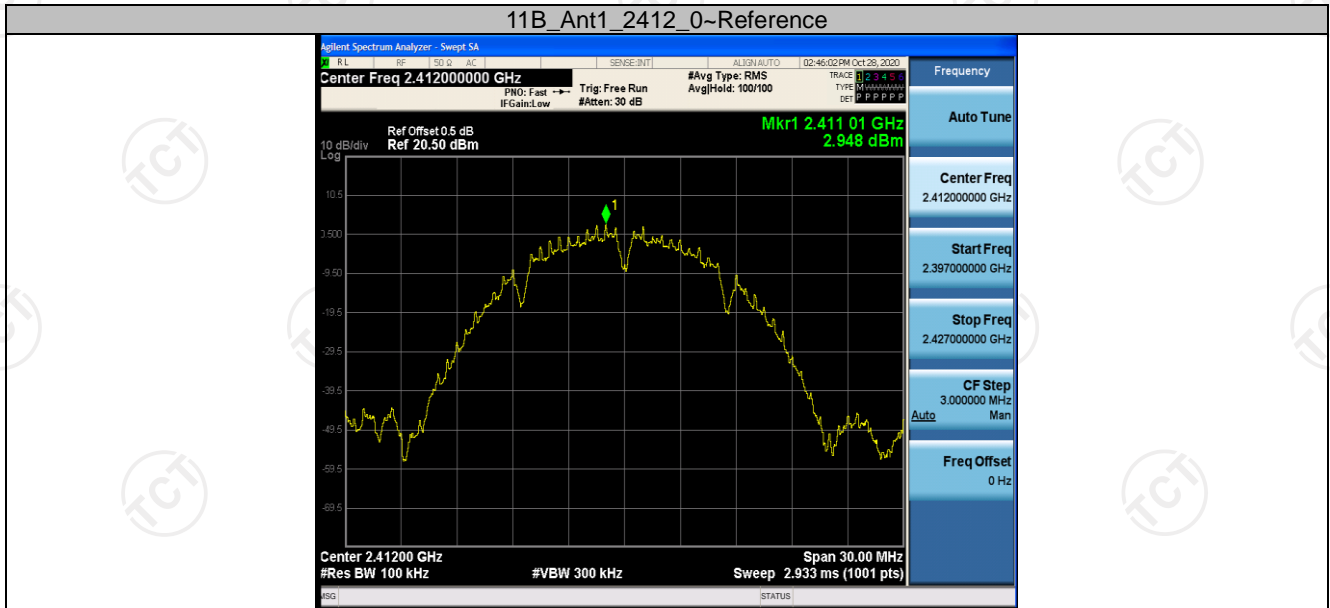


### Conducted Spurious Emission

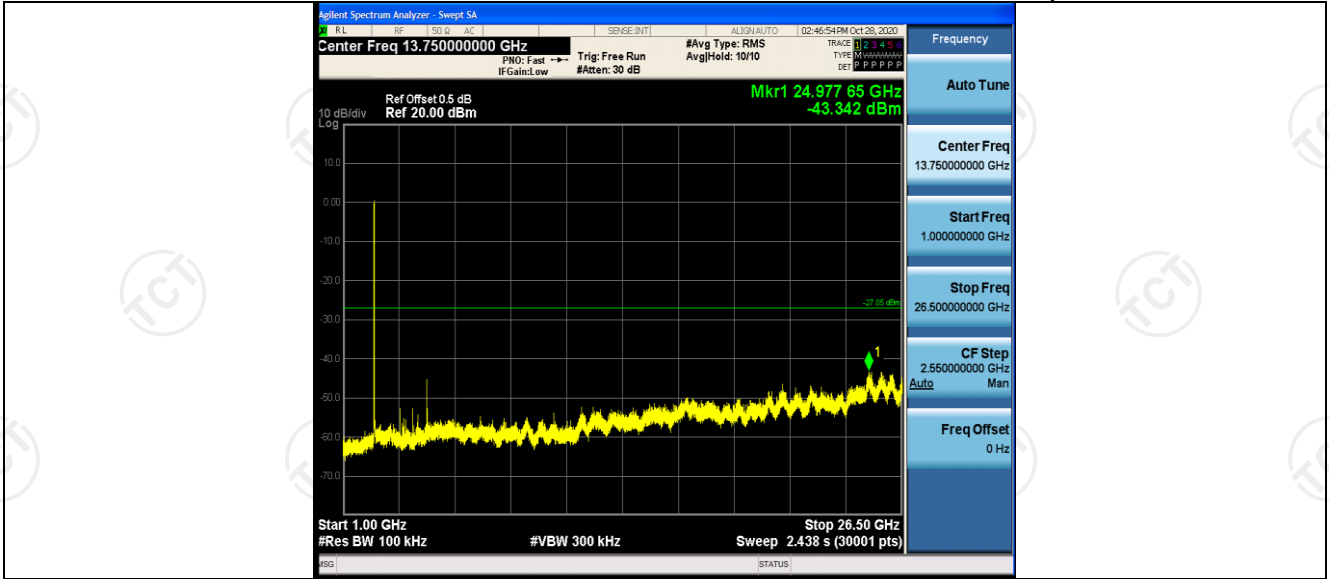
#### 6.7.4. Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.95	2.95	---	PASS
			30~1000	30~1000	-68.485	<=-27.052	PASS
			1000~26500	1000~26500	-43.342	<=-27.052	PASS
		2437	Reference	1.75	1.75	---	PASS
			30~1000	30~1000	-69.193	<=-28.252	PASS
			1000~26500	1000~26500	-43.771	<=-28.252	PASS
		2462	Reference	2.85	2.85	---	PASS
			30~1000	30~1000	-68.701	<=-27.153	PASS
			1000~26500	1000~26500	-43.518	<=-27.153	PASS
11G	Ant1	2412	Reference	-4.71	-4.71	---	PASS
			30~1000	30~1000	-68.847	<=-34.714	PASS
			1000~26500	1000~26500	-43.055	<=-34.714	PASS
		2437	Reference	-4.80	-4.80	---	PASS
			30~1000	30~1000	-68.65	<=-34.802	PASS
			1000~26500	1000~26500	-42.986	<=-34.802	PASS
		2462	Reference	-3.98	-3.98	---	PASS
			30~1000	30~1000	-68.748	<=-33.975	PASS
			1000~26500	1000~26500	-43.254	<=-33.975	PASS
11N20SISO	Ant1	2412	Reference	-4.27	-4.27	---	PASS
			30~1000	30~1000	-69.143	<=-34.271	PASS
			1000~26500	1000~26500	-43.318	<=-34.271	PASS
		2437	Reference	-4.95	-4.95	---	PASS
			30~1000	30~1000	-68.678	<=-34.951	PASS
			1000~26500	1000~26500	-42.996	<=-34.951	PASS
		2462	Reference	-4.19	-4.19	---	PASS
			30~1000	30~1000	-69.219	<=-34.189	PASS
			1000~26500	1000~26500	-42.948	<=-34.189	PASS
11N40SISO	Ant1	2422	Reference	-7.86	-7.86	---	PASS
			30~1000	30~1000	-69.506	<=-37.862	PASS
			1000~26500	1000~26500	-42.876	<=-37.862	PASS
		2437	Reference	-6.62	-6.62	---	PASS
			30~1000	30~1000	-68.964	<=-36.619	PASS
			1000~26500	1000~26500	-43.036	<=-36.619	PASS
		2452	Reference	-8.37	-8.37	---	PASS
			30~1000	30~1000	-68.298	<=-38.372	PASS
			1000~26500	1000~26500	-42.86	<=-38.372	PASS

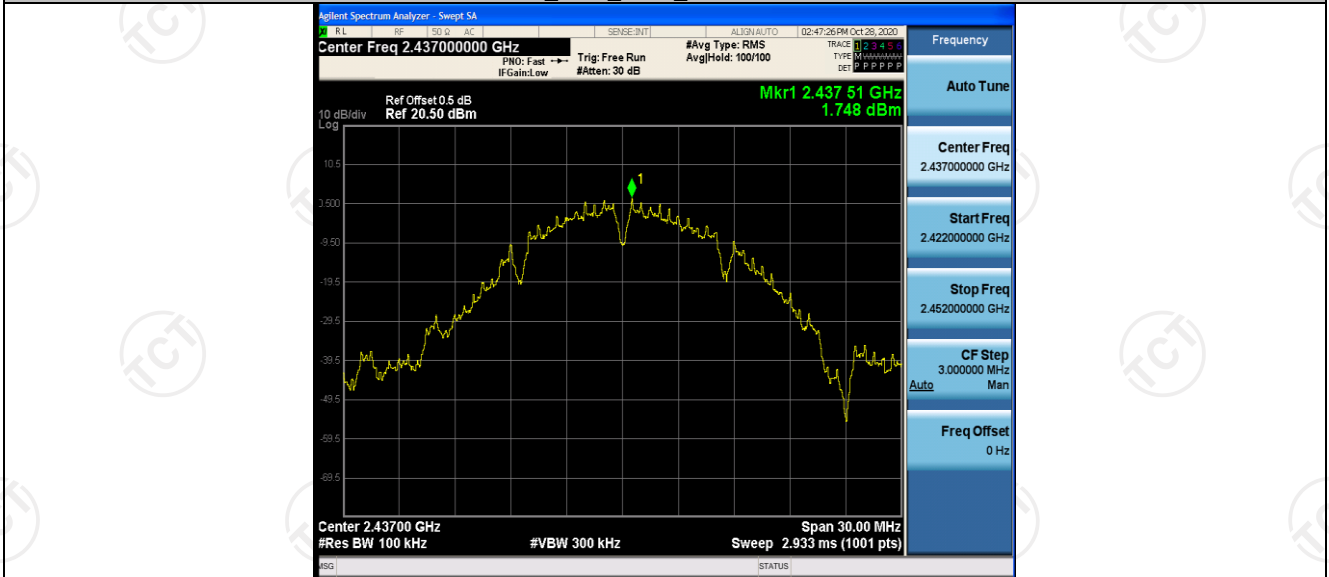
6.7.5. Test Graphs



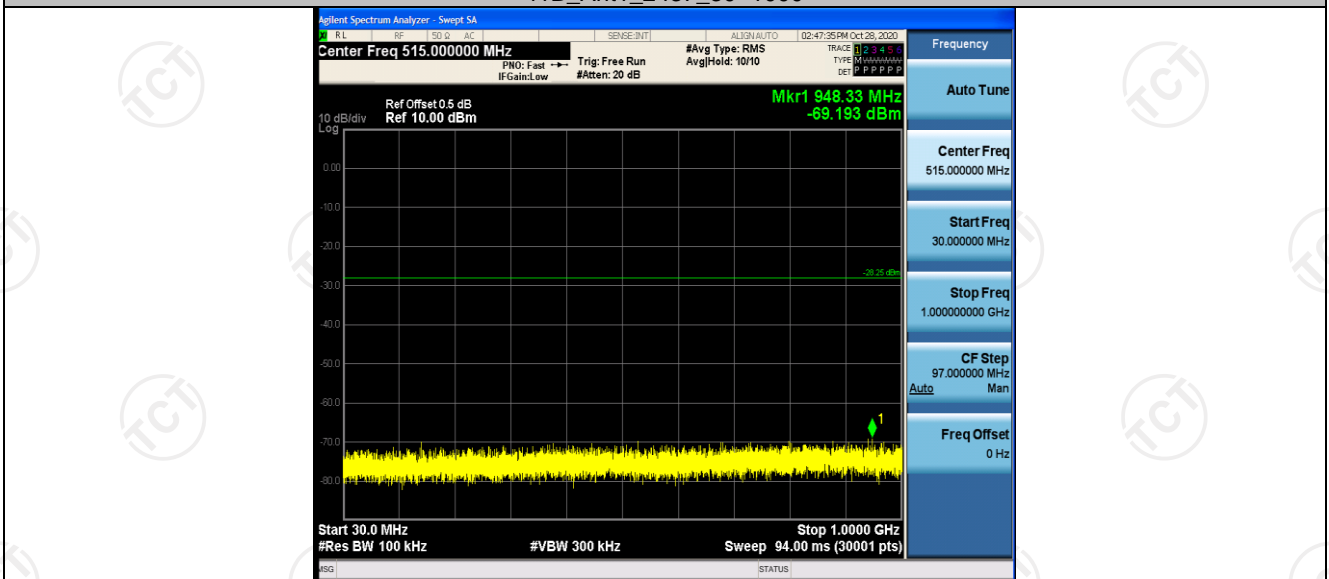
11B\_Ant1\_2412\_1000~26500



11B\_Ant1\_2437\_0~Reference

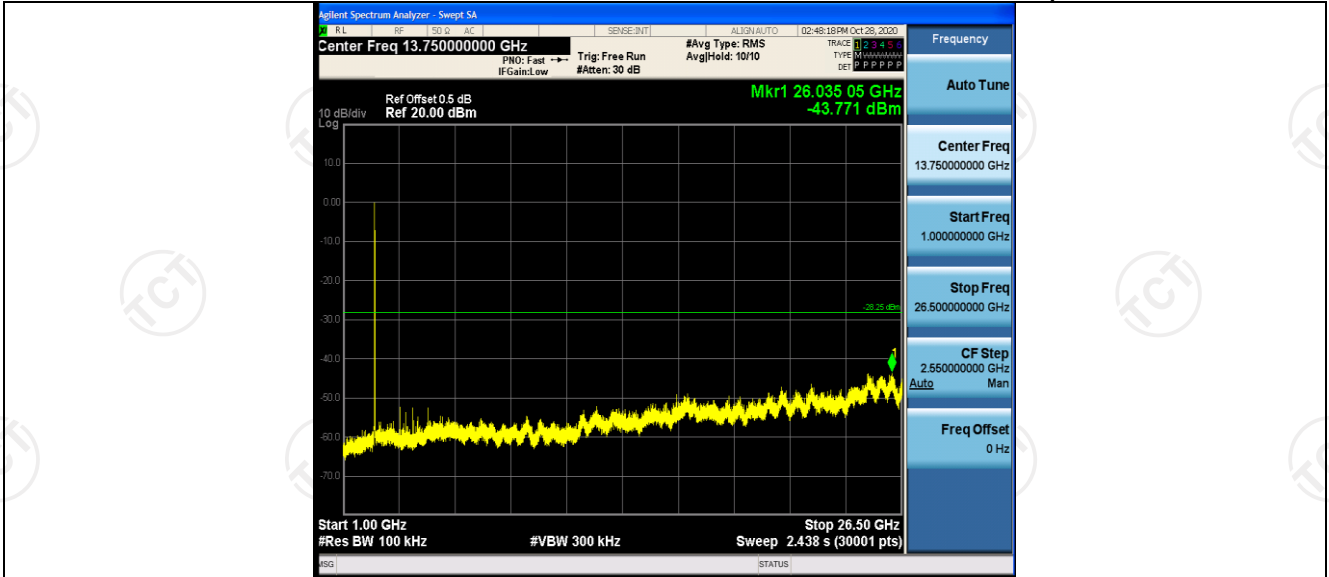


11B\_Ant1\_2437\_30~1000

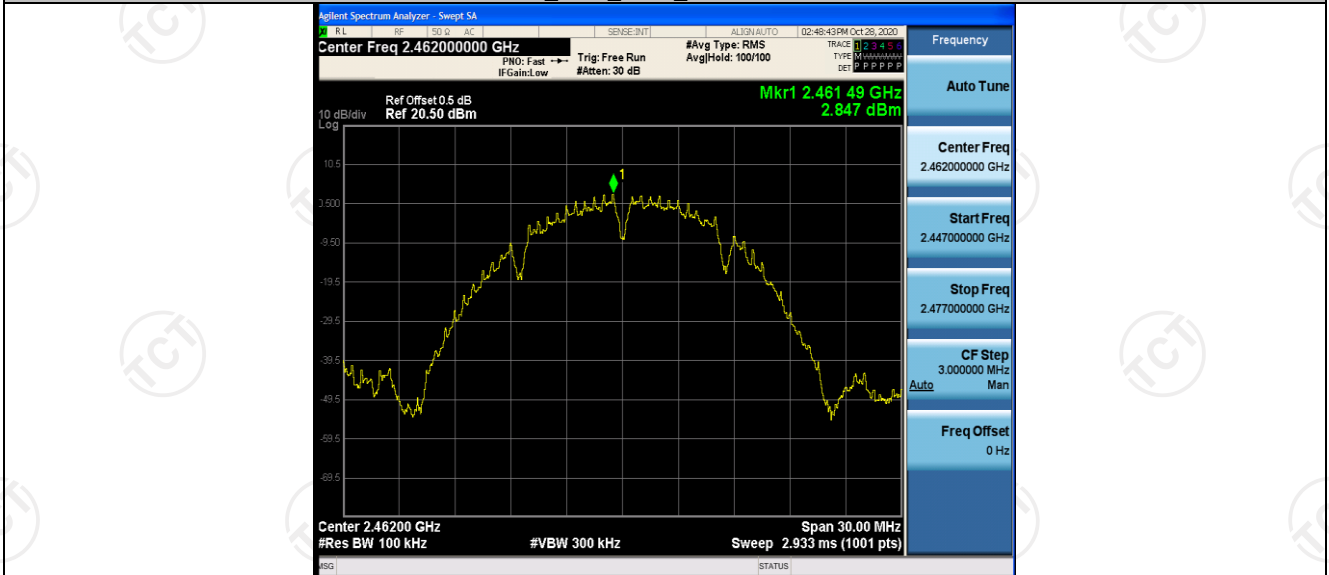


11B\_Ant1\_2437\_1000~26500

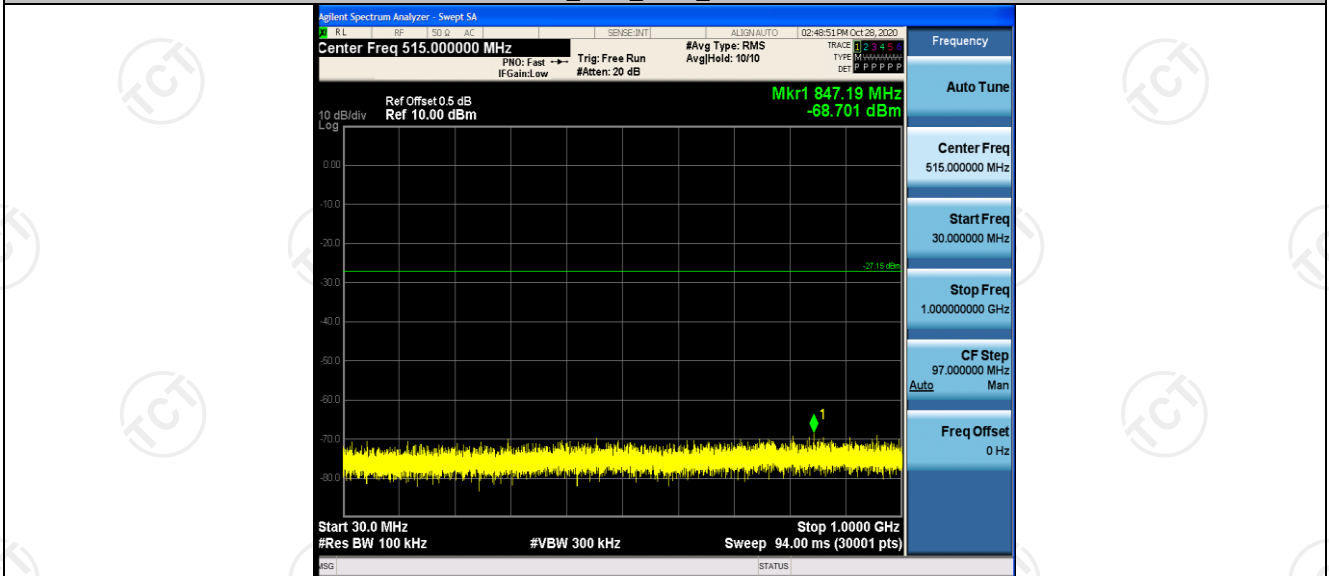




11B\_Ant1\_2462\_0-Reference

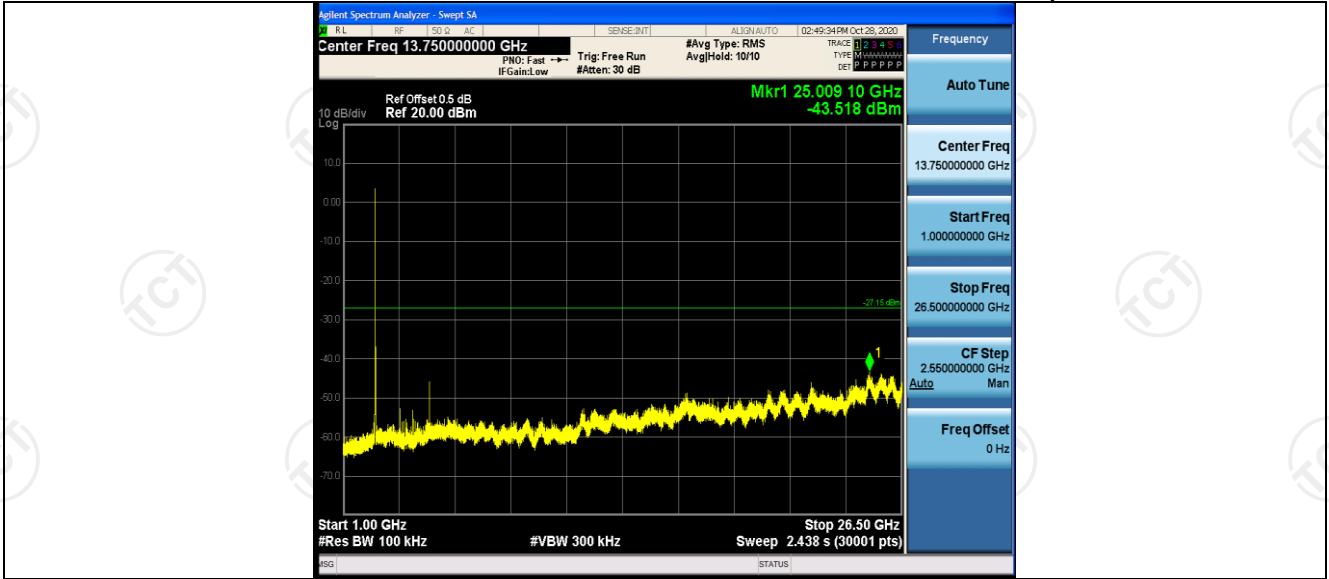


11B\_Ant1\_2462\_30~1000

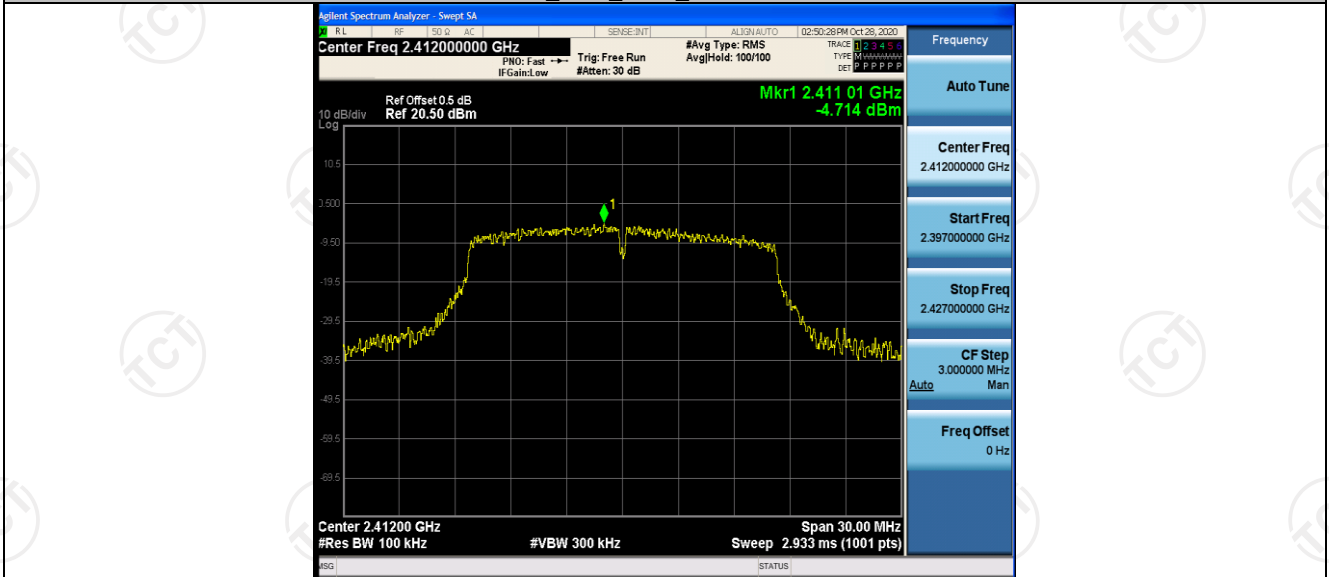


11B\_Ant1\_2462\_1000~26500

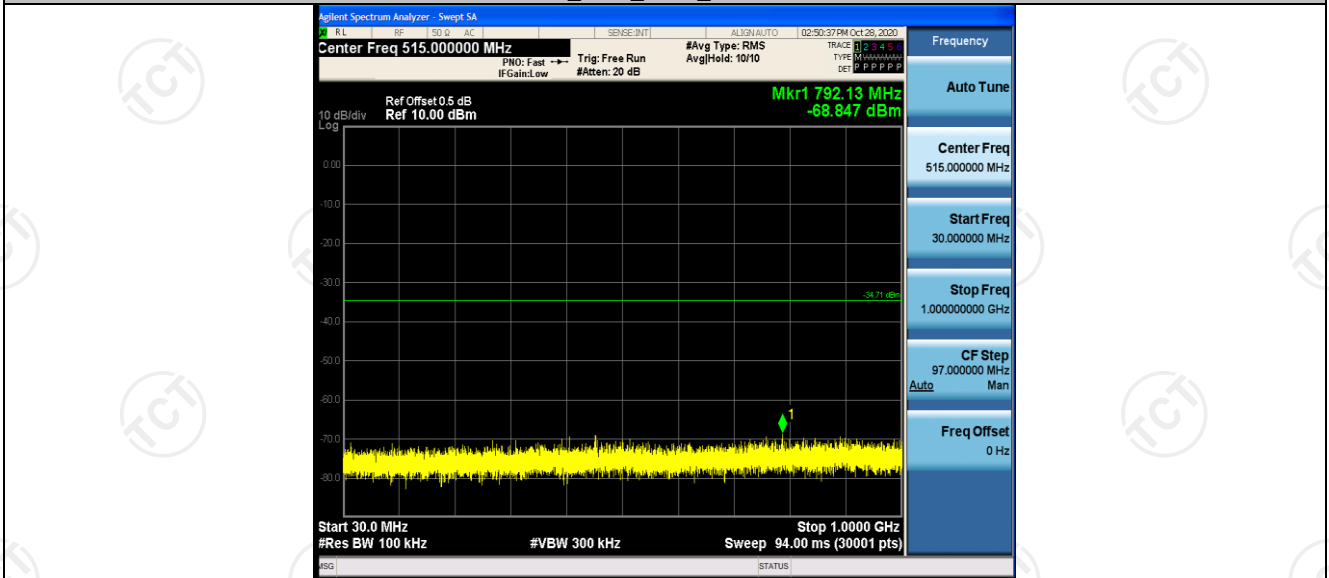




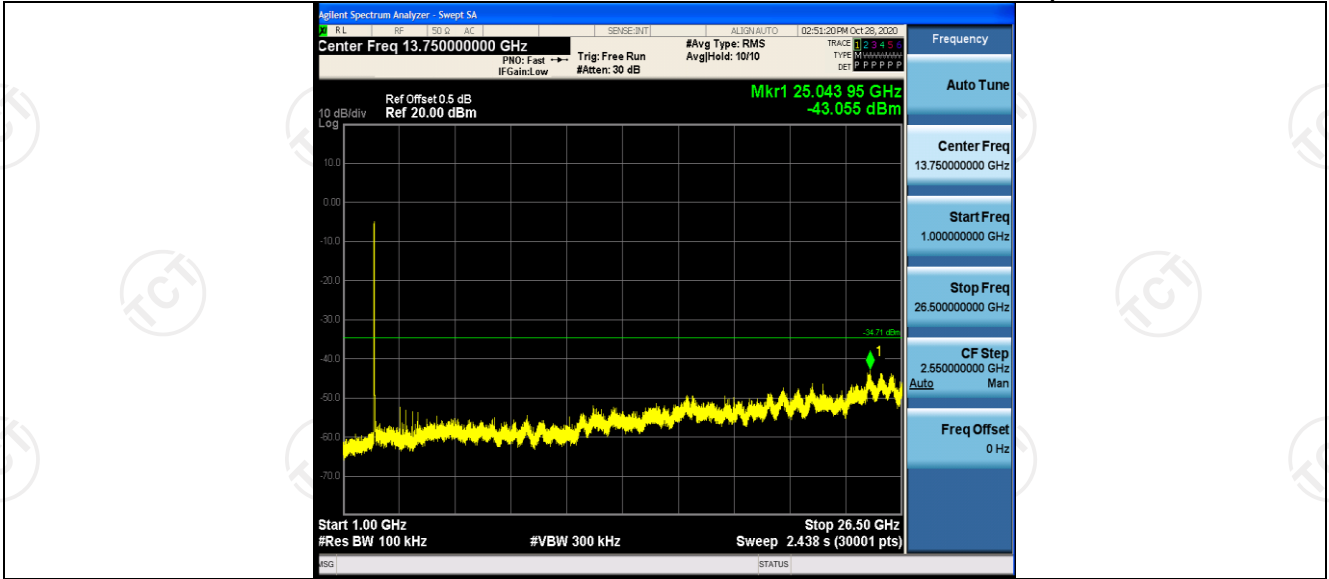
11G\_Ant1\_2412\_0-Reference



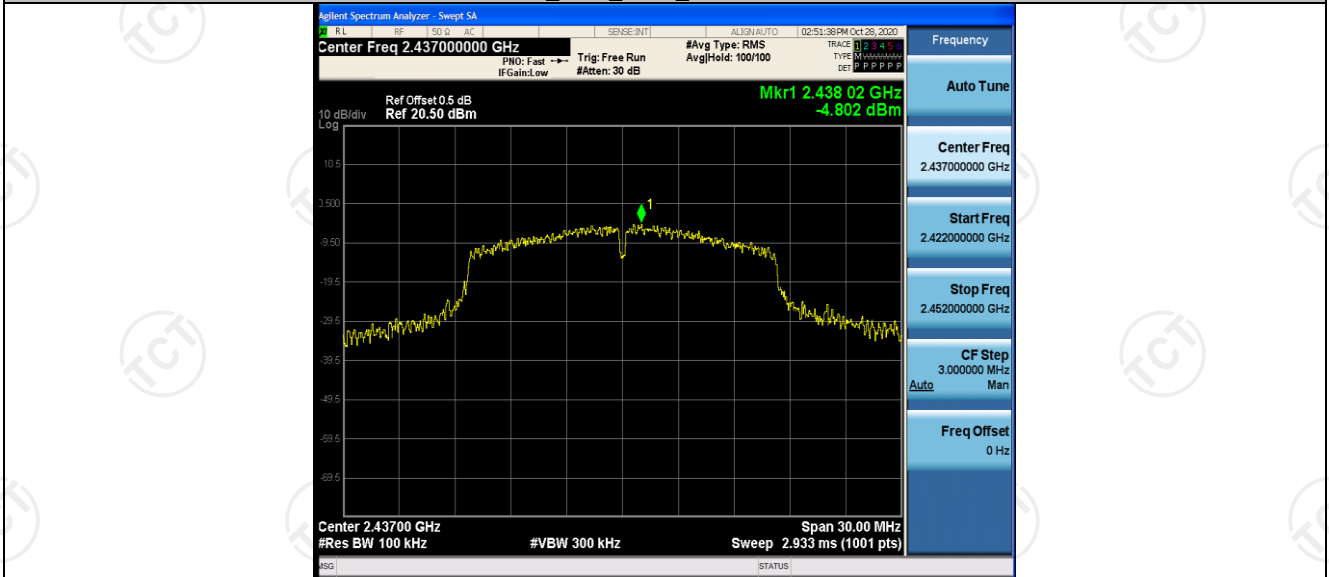
11G\_Ant1\_2412\_30~1000



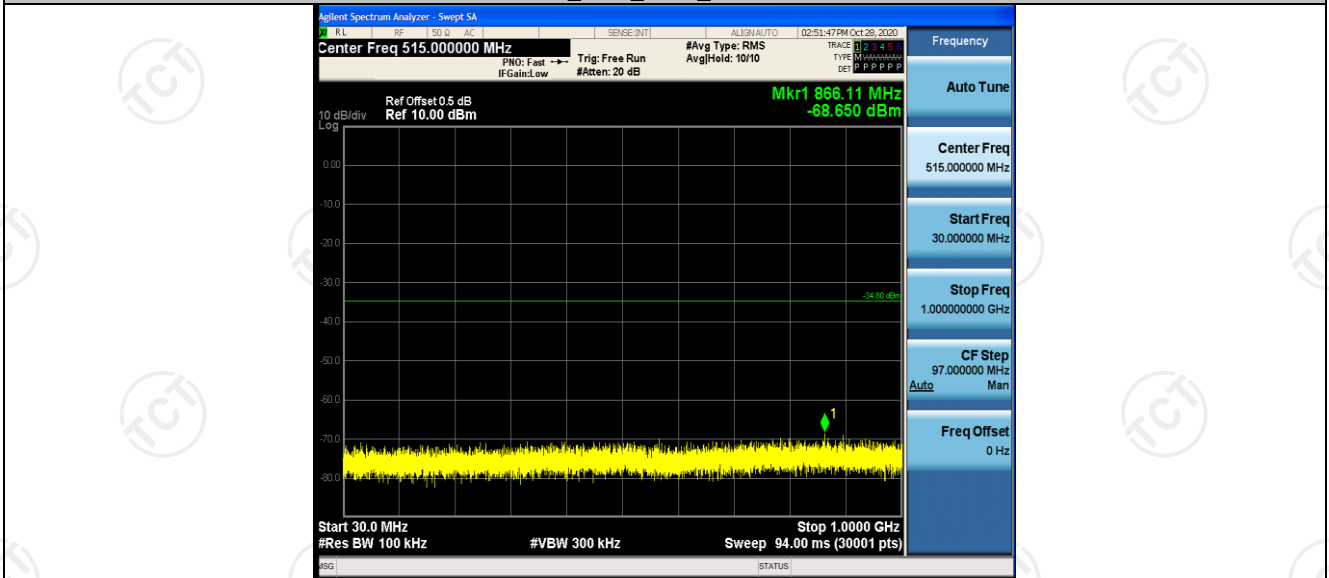
11G\_Ant1\_2412\_1000~26500



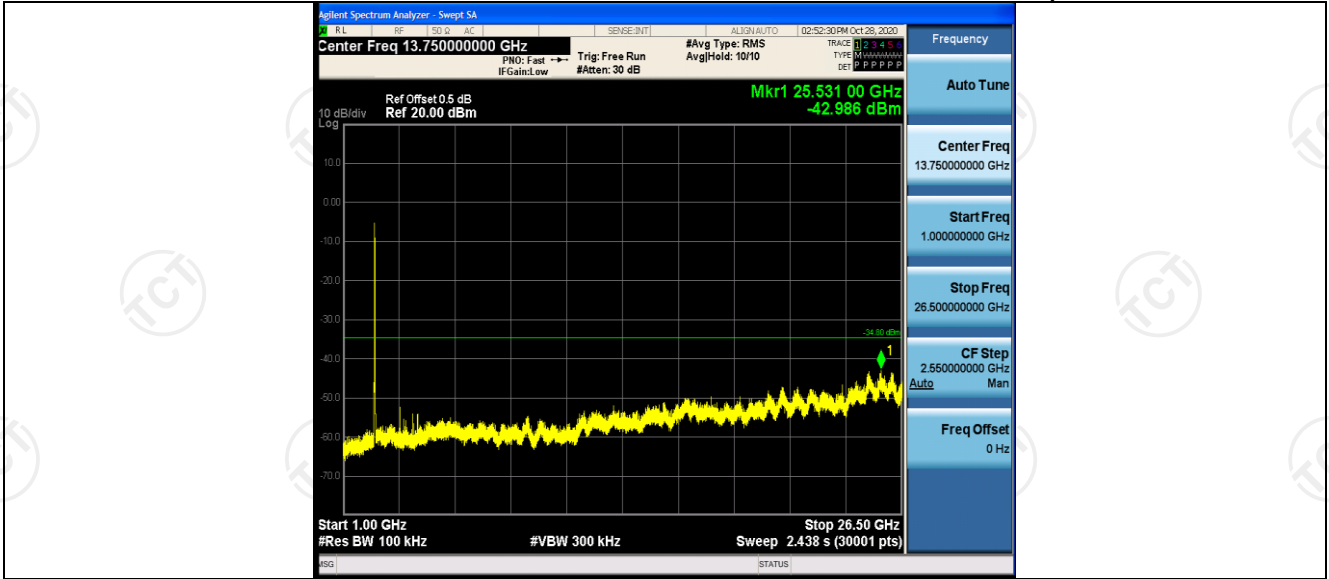
11G\_Ant1\_2437\_0-Reference



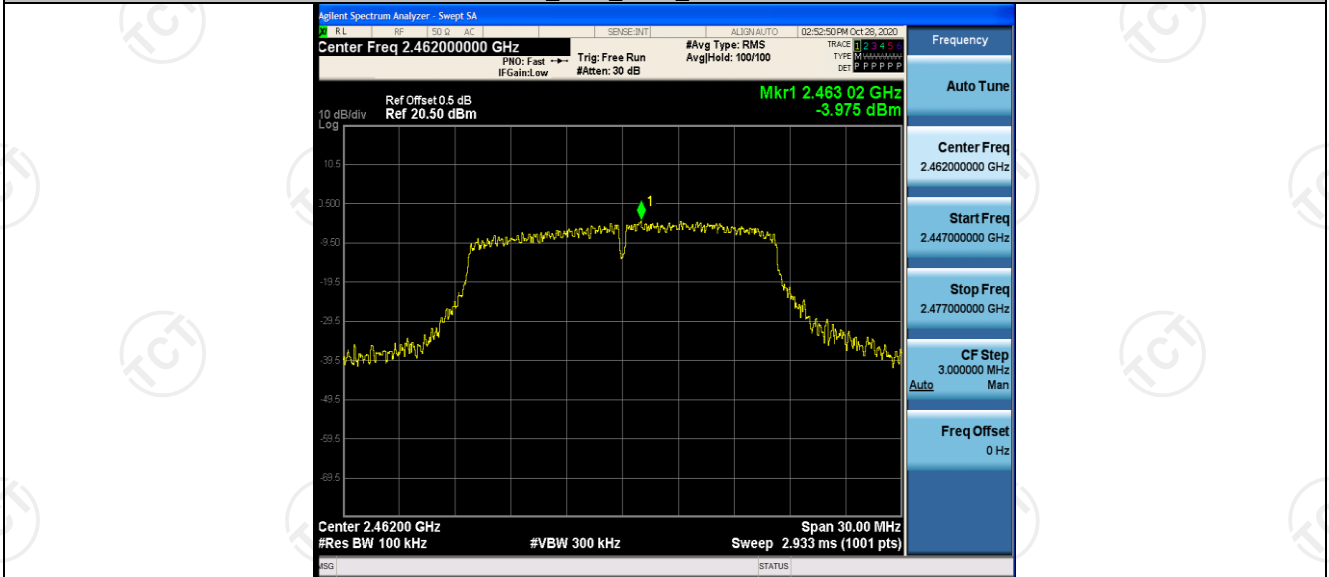
11G\_Ant1\_2437\_30~1000



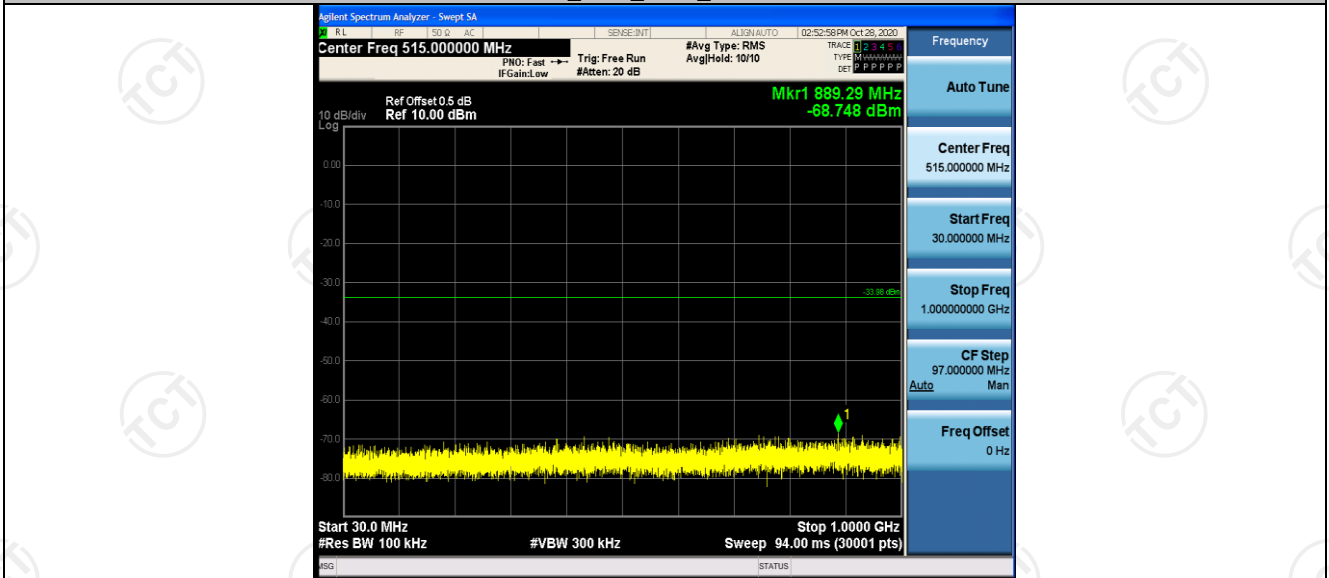
11G\_Ant1\_2437\_1000~26500



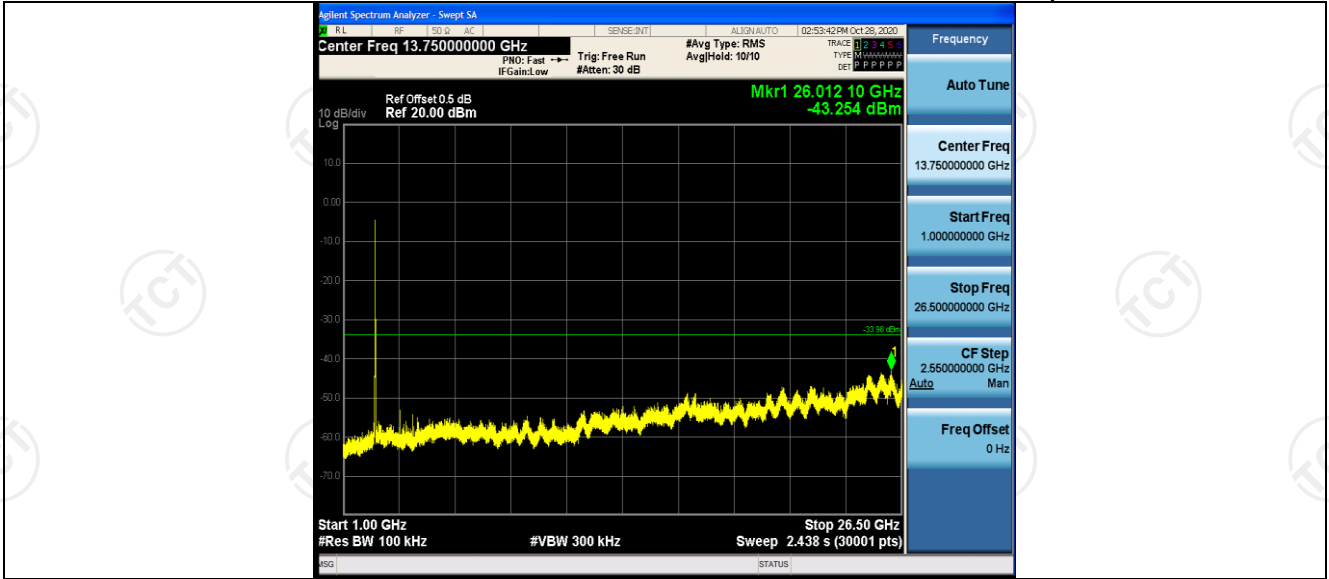
11G\_Ant1\_2462\_0-Reference



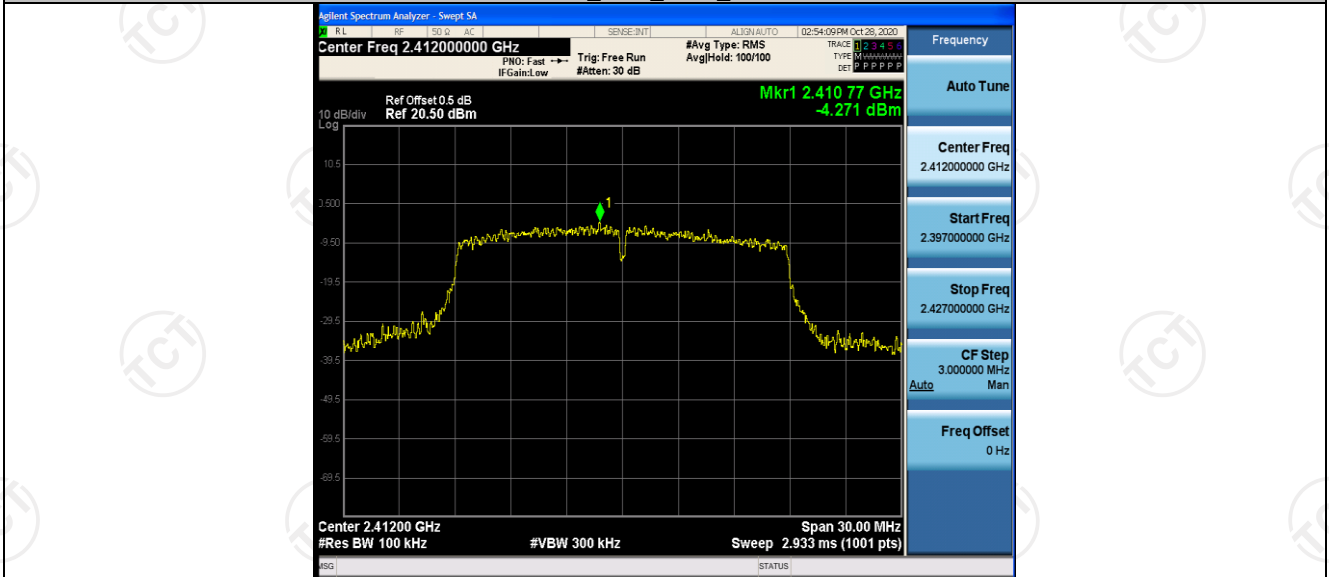
11G\_Ant1\_2462\_30~1000



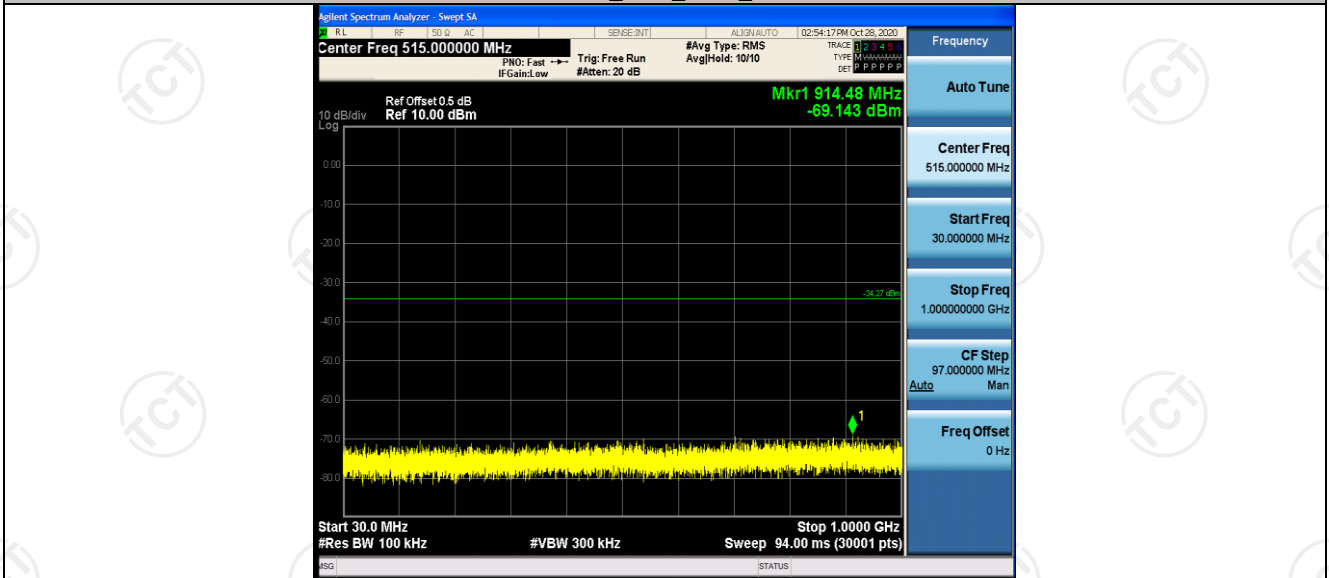
11G\_Ant1\_2462\_1000~26500



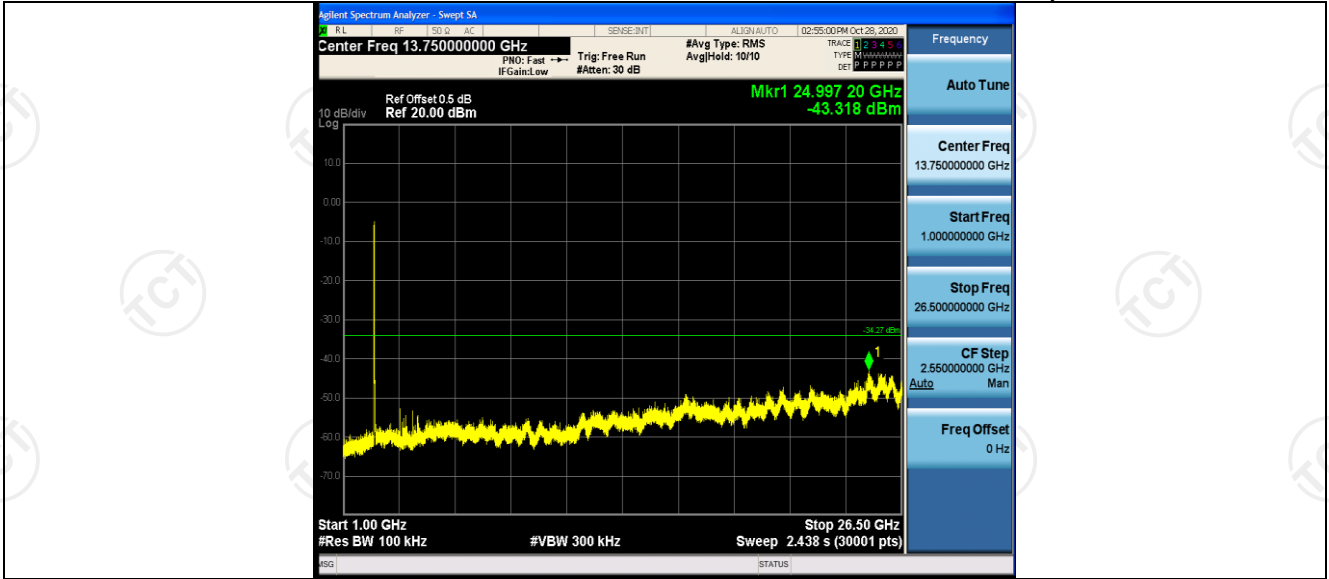
11N20SISO\_Ant1\_2412\_0-Reference



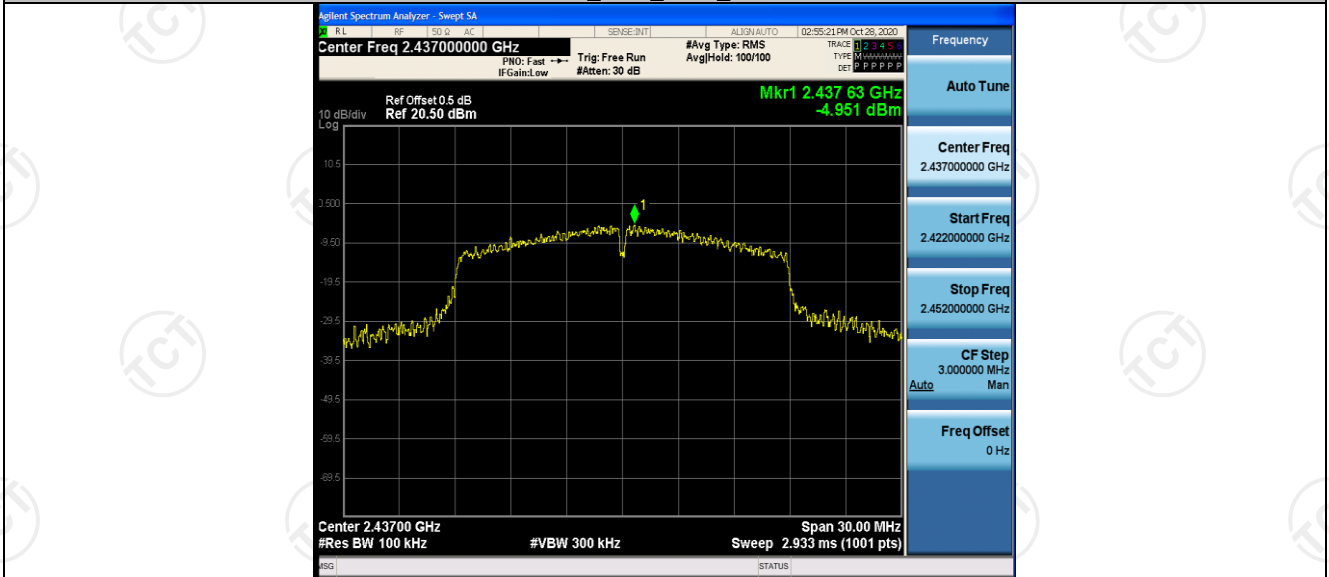
11N20SISO\_Ant1\_2412\_30~1000



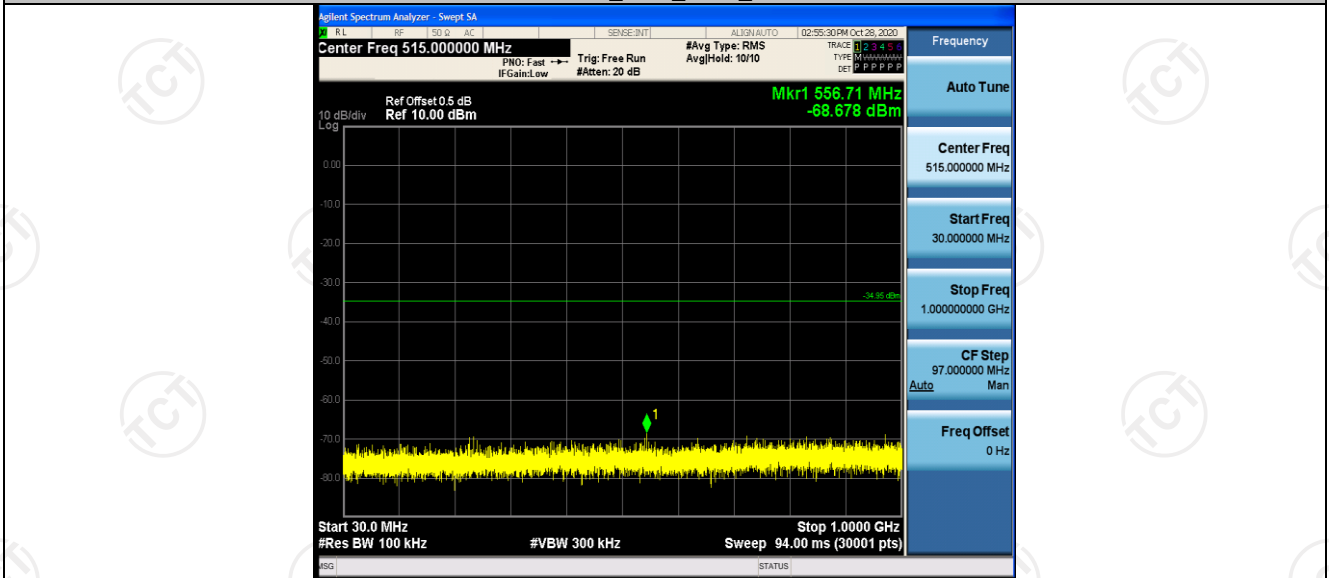
11N20SISO\_Ant1\_2412\_1000~26500



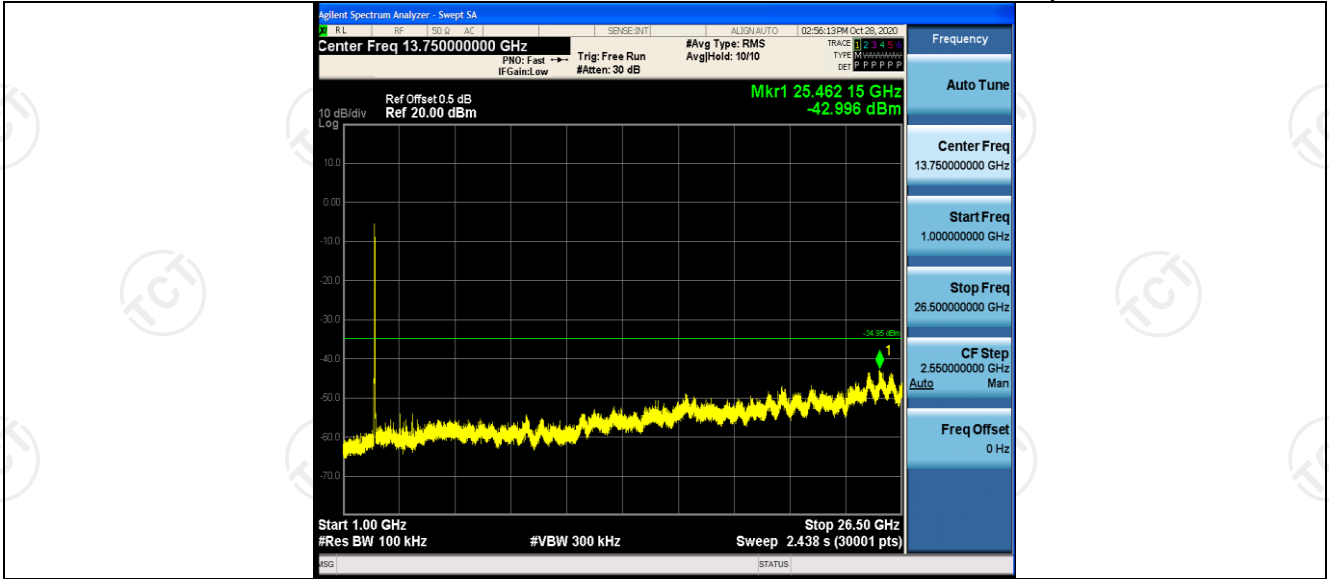
11N20SISO\_Ant1\_2437\_0~Reference



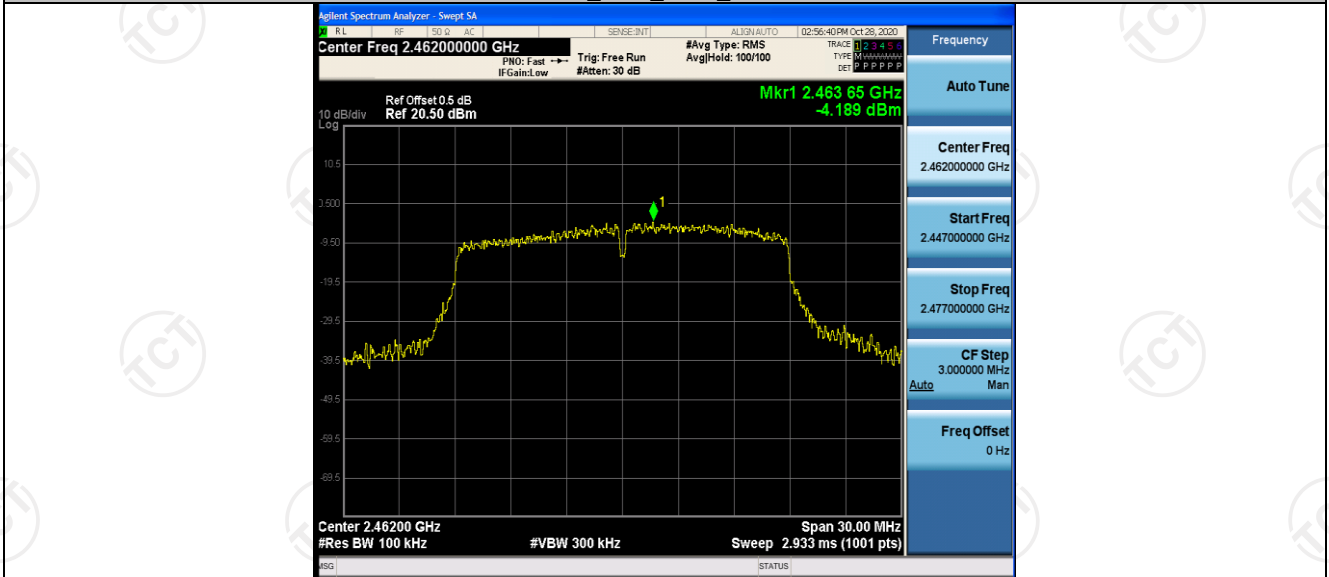
11N20SISO\_Ant1\_2437\_30~1000



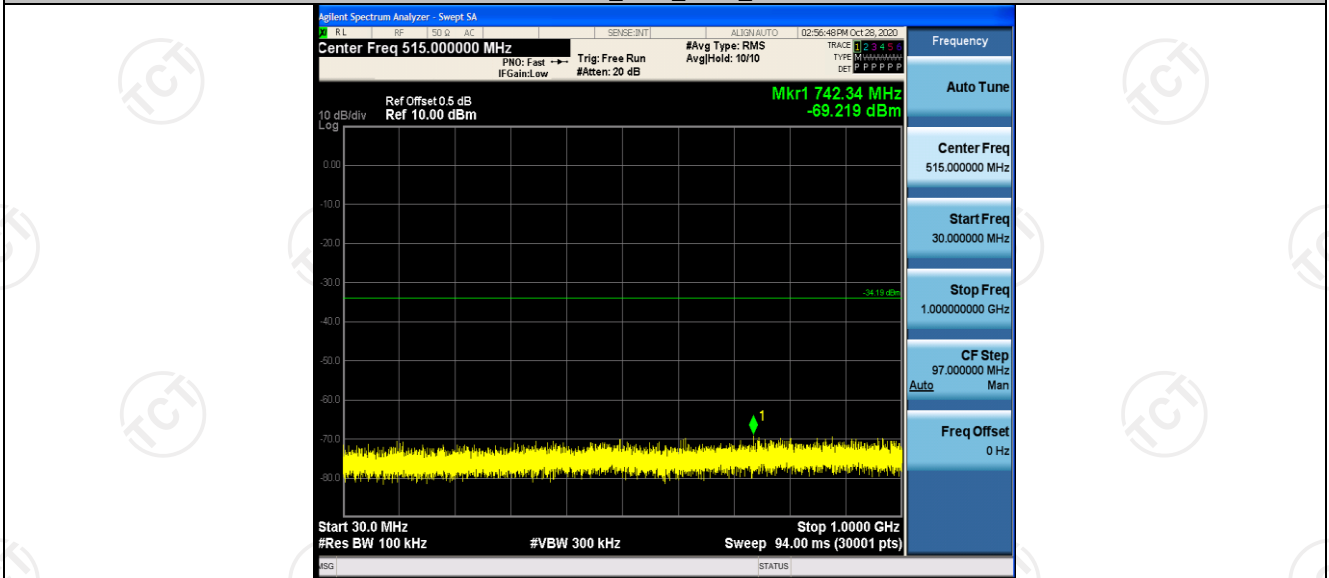
11N20SISO\_Ant1\_2437\_1000~26500



11N20SISO\_Ant1\_2462\_0-Reference

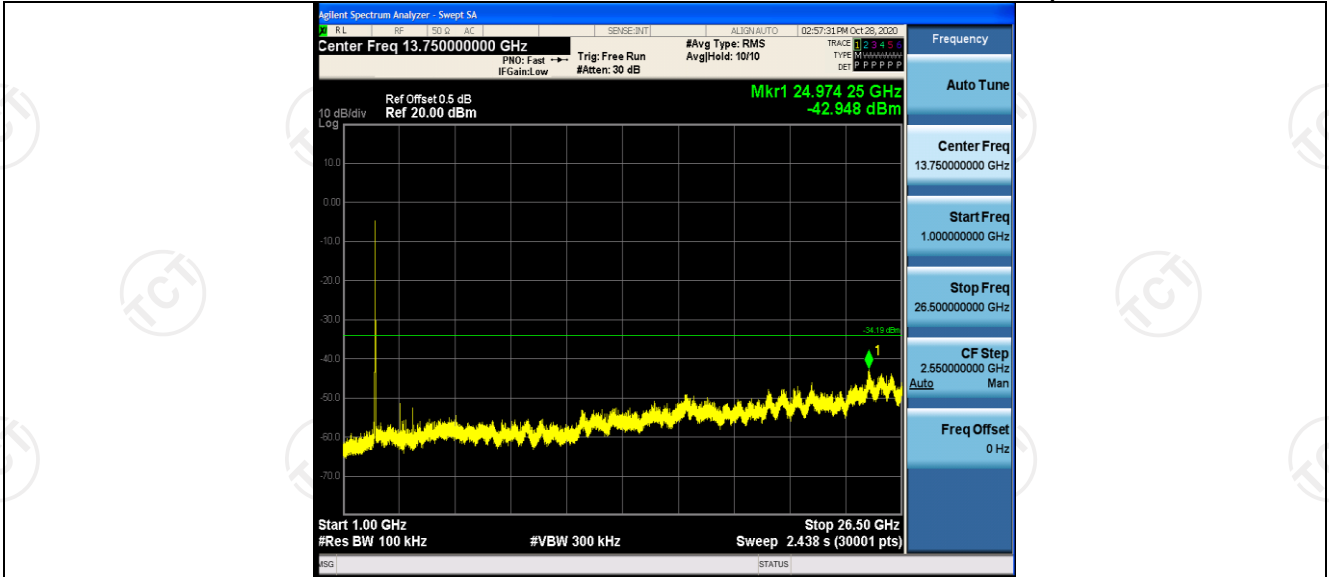


11N20SISO\_Ant1\_2462\_30~1000

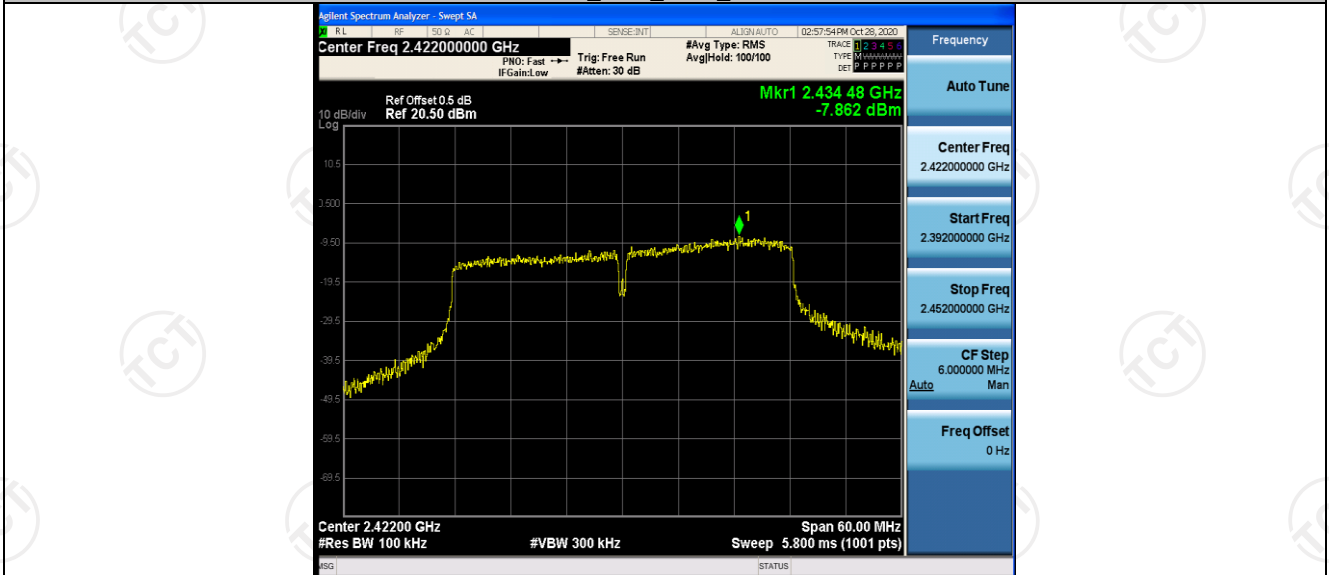


11N20SISO\_Ant1\_2462\_1000~26500

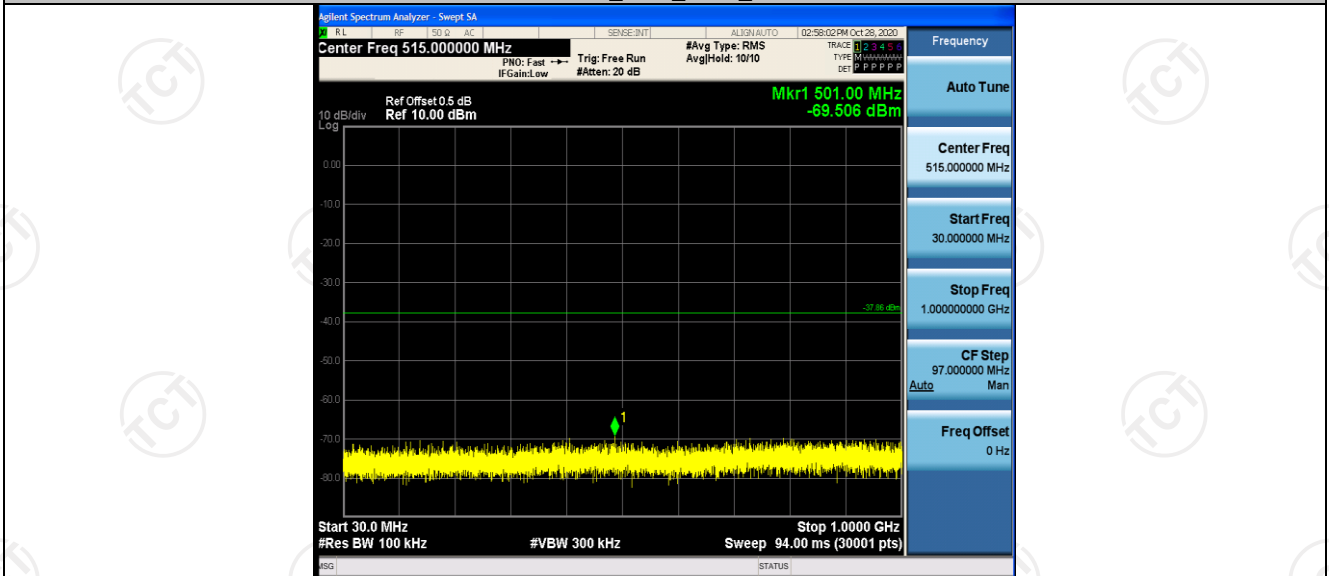




11N40SISO\_Ant1\_2422\_0~Reference

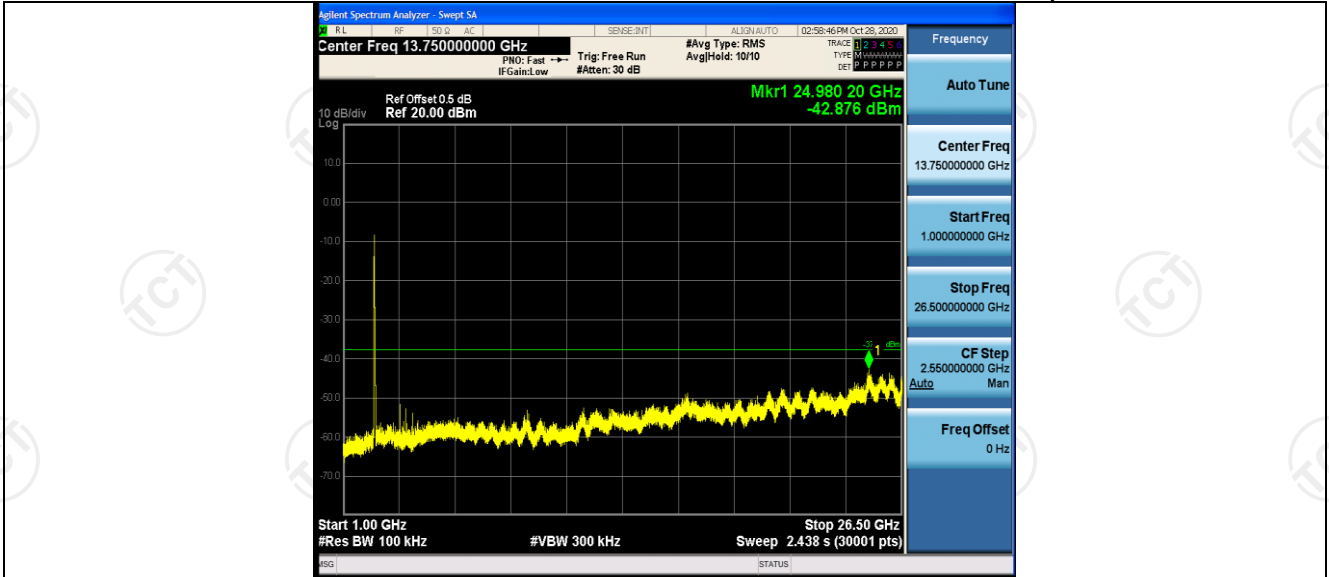


11N40SISO\_Ant1\_2422\_30~1000

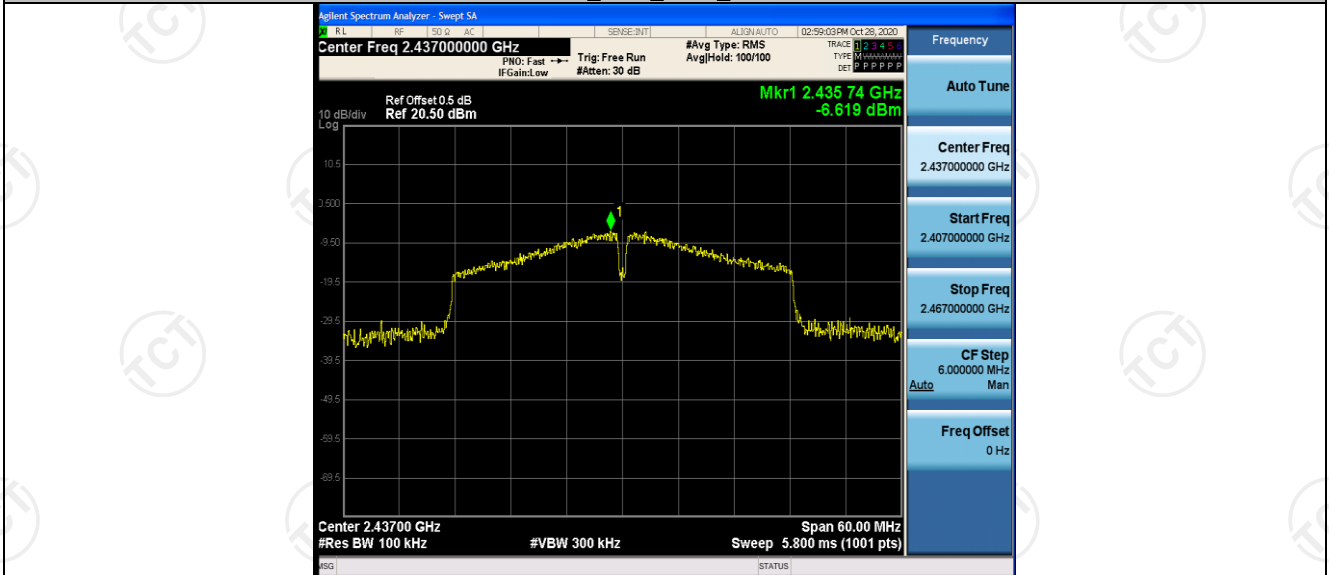


11N40SISO\_Ant1\_2422\_1000~26500

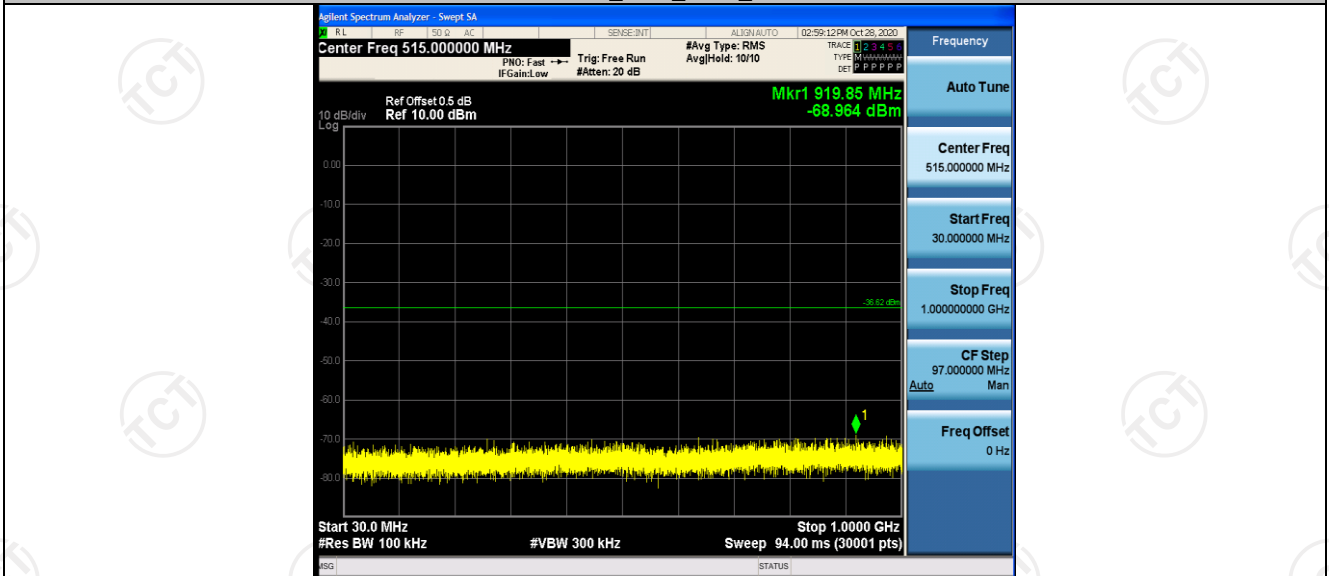




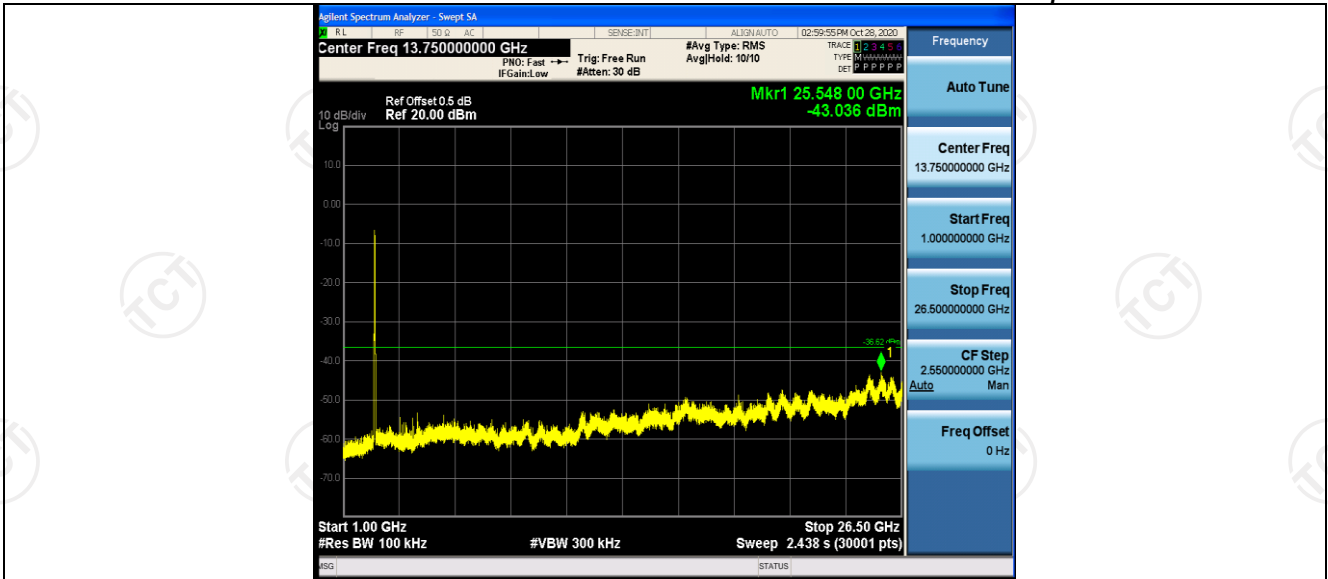
11N40SISO\_Ant1\_2437\_0-Reference



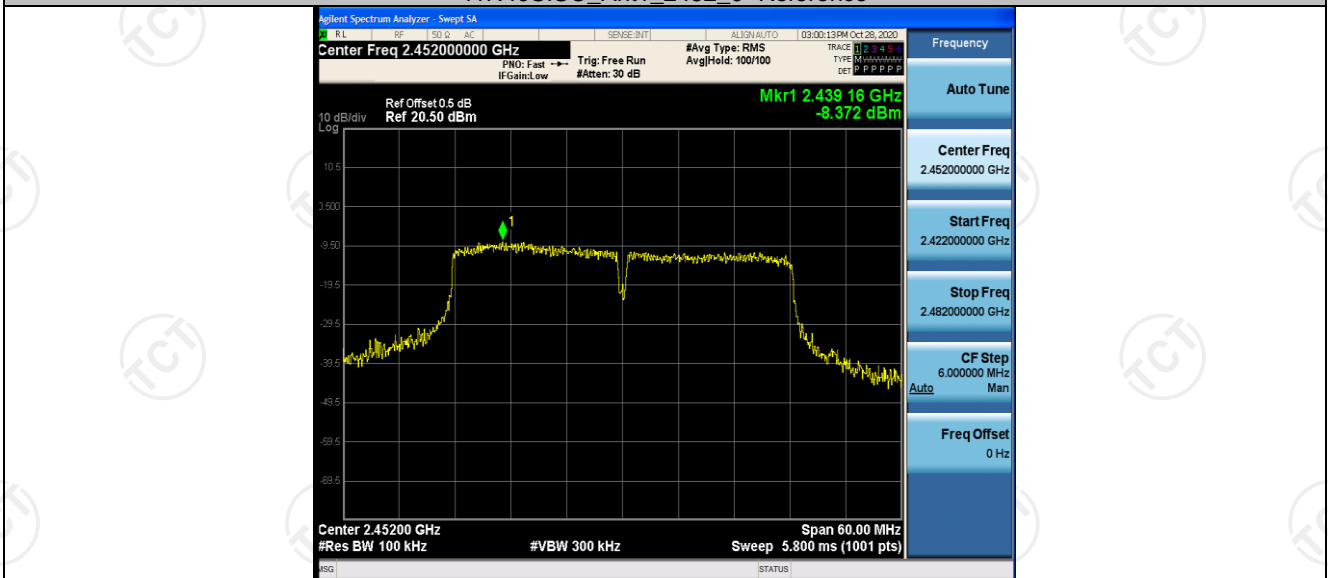
11N40SISO\_Ant1\_2437\_30-1000



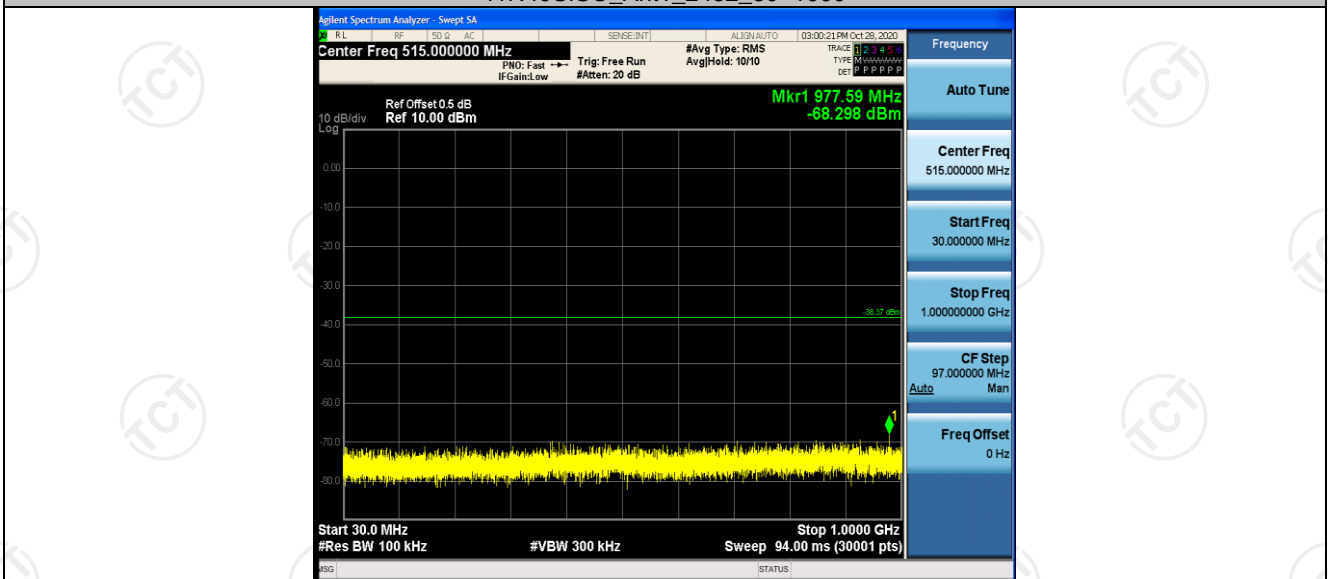
11N40SISO\_Ant1\_2437\_1000-26500



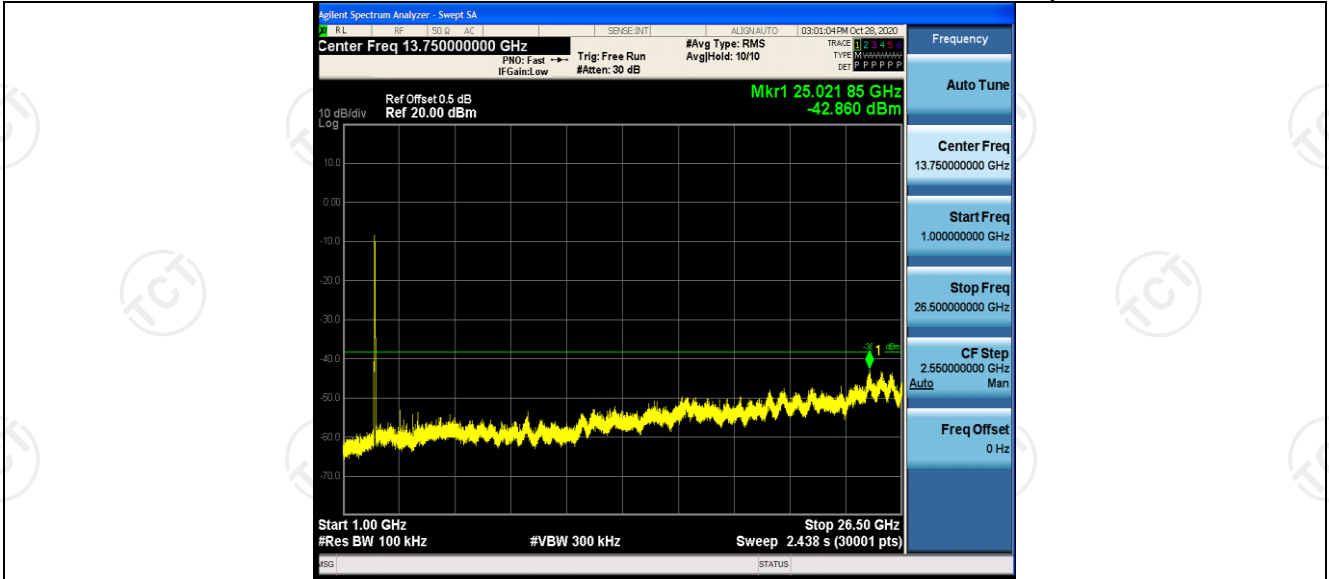
11N40SISO\_Ant1\_2452\_0-Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500



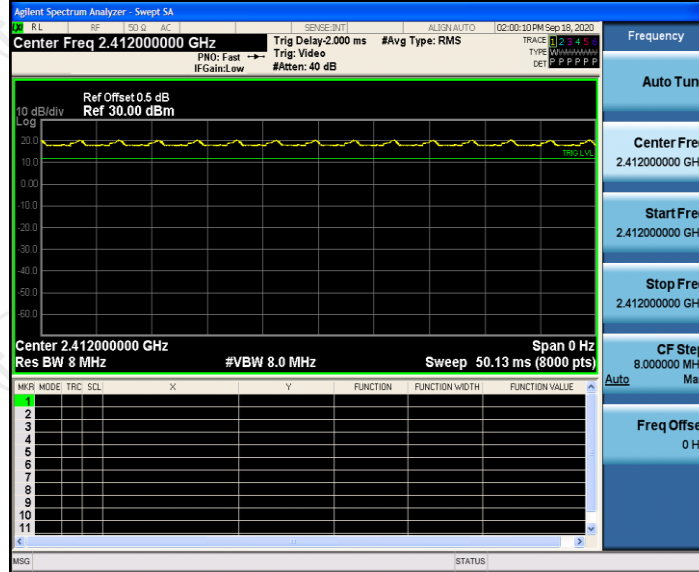
## Duty Cycle

### Test Result

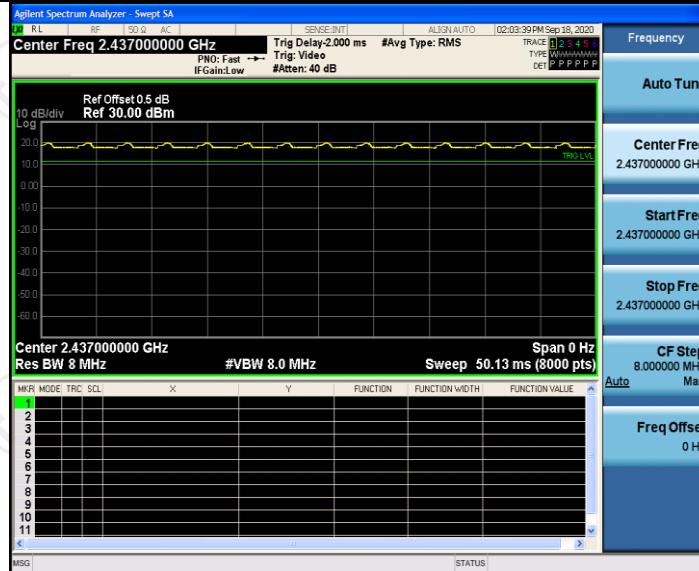
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11G	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11N20SISO	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11N40SISO	Ant1	2422	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2452	50.00	50.00	100.00	---	PASS

Test Graphs

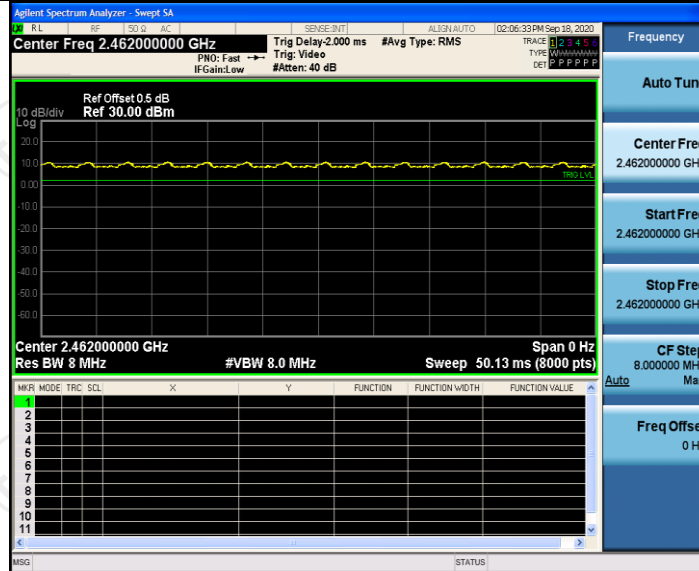
11B\_Ant1\_2412



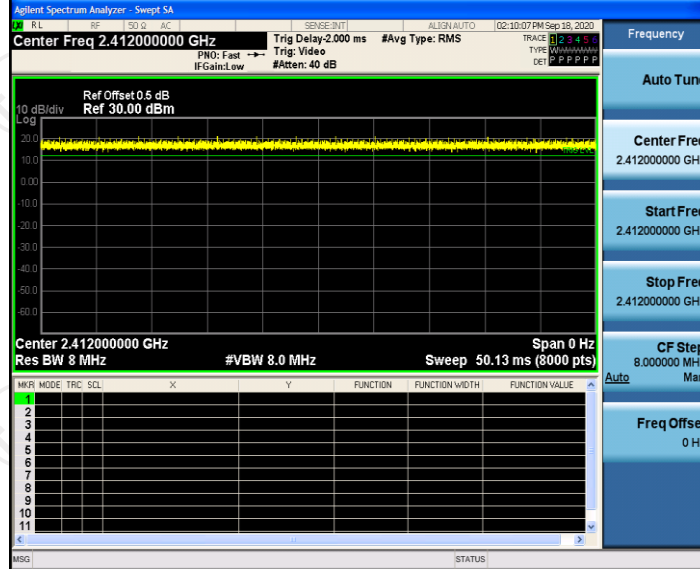
11B\_Ant1\_2437



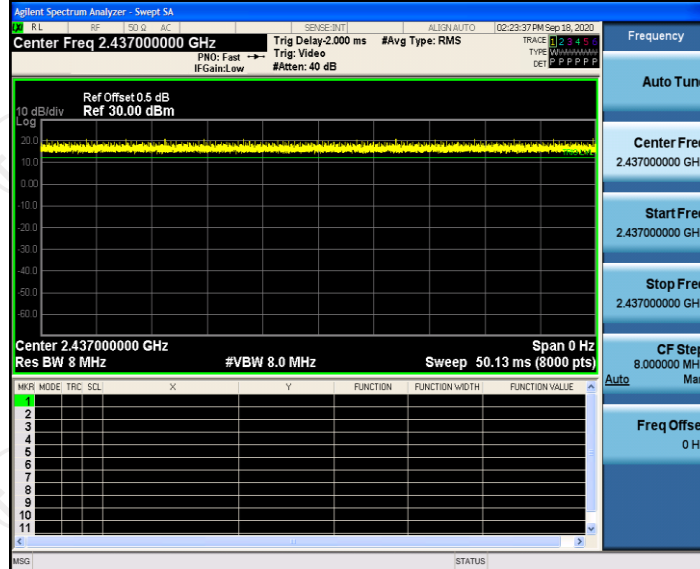
11B\_Ant1\_2462



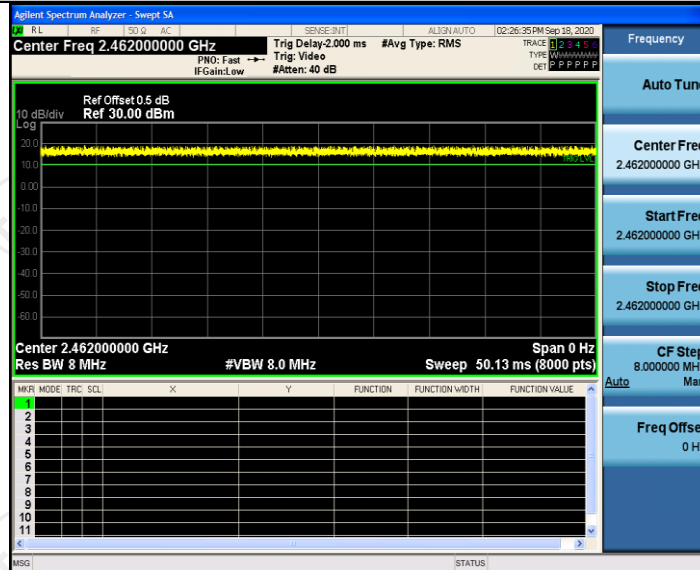
## 11G\_Ant1\_2412



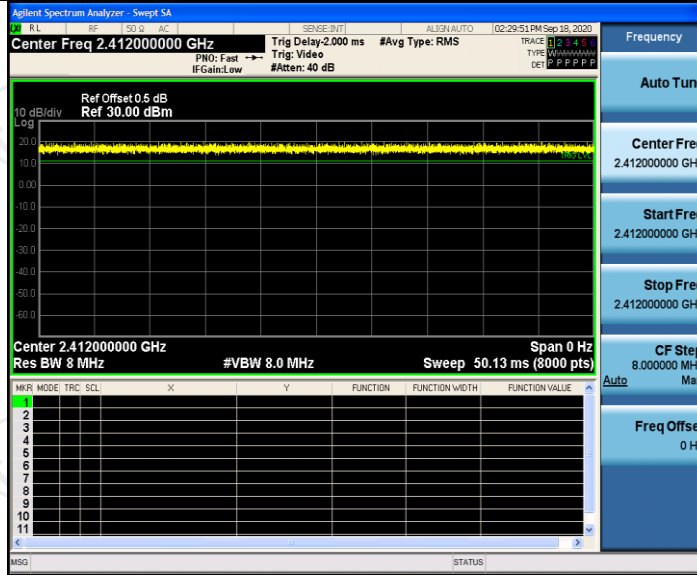
## 11G\_Ant1\_2437



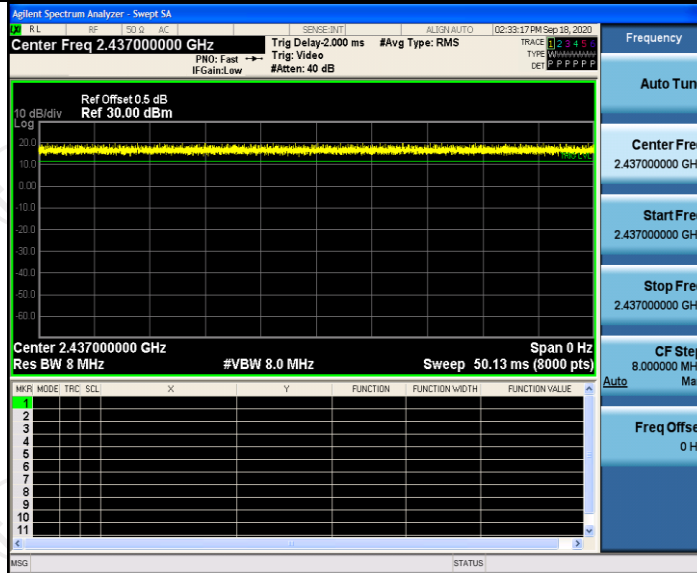
## 11G\_Ant1\_2462



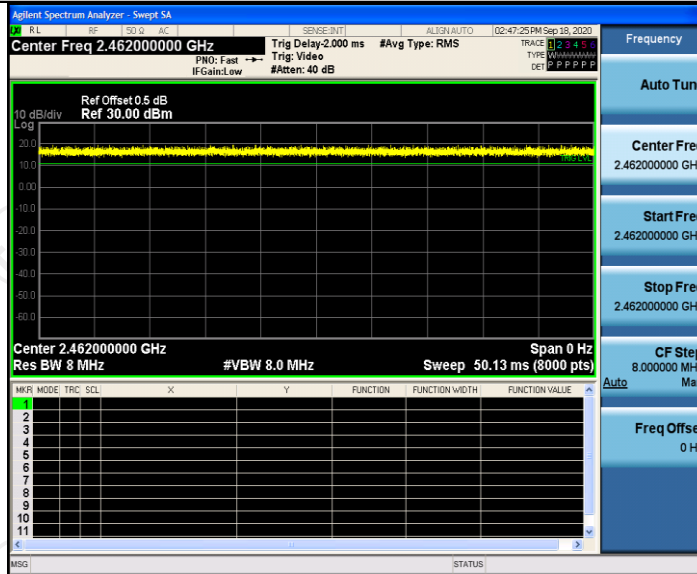
## 11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437

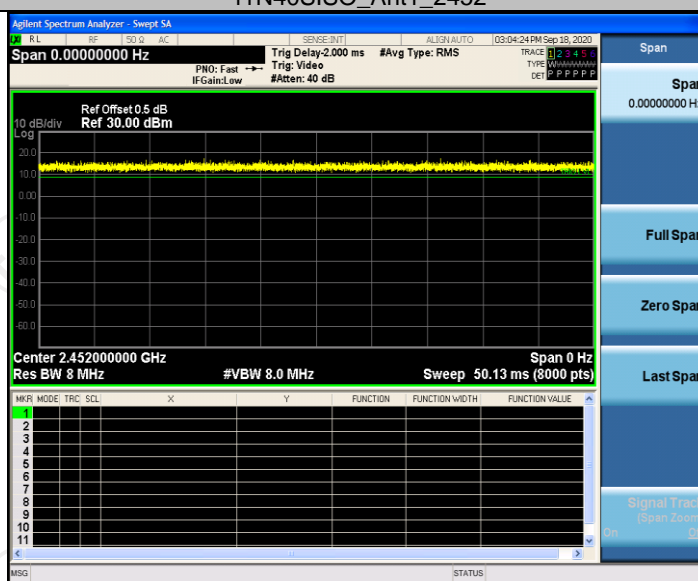
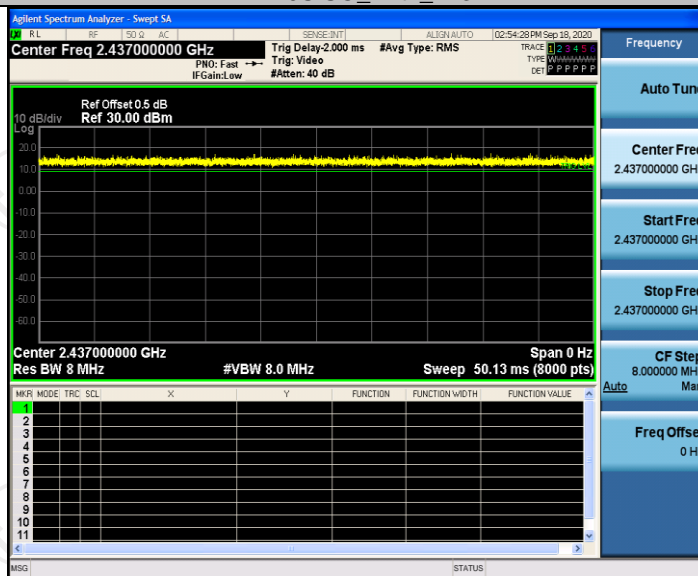
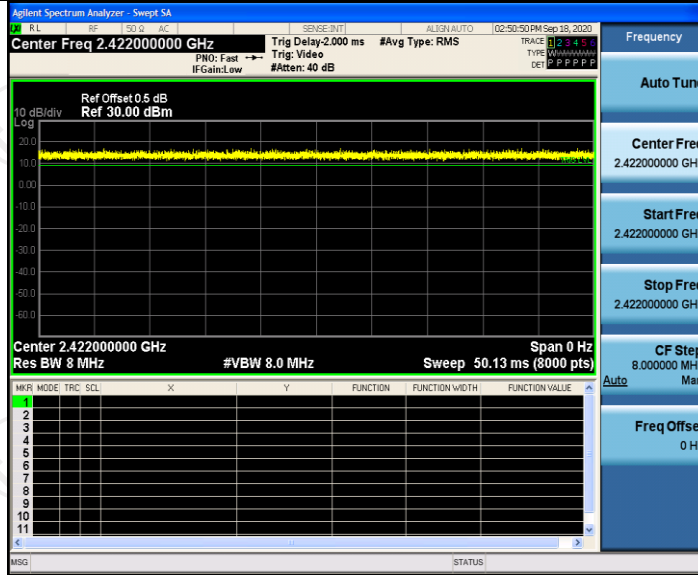


11N20SISO\_Ant1\_2462



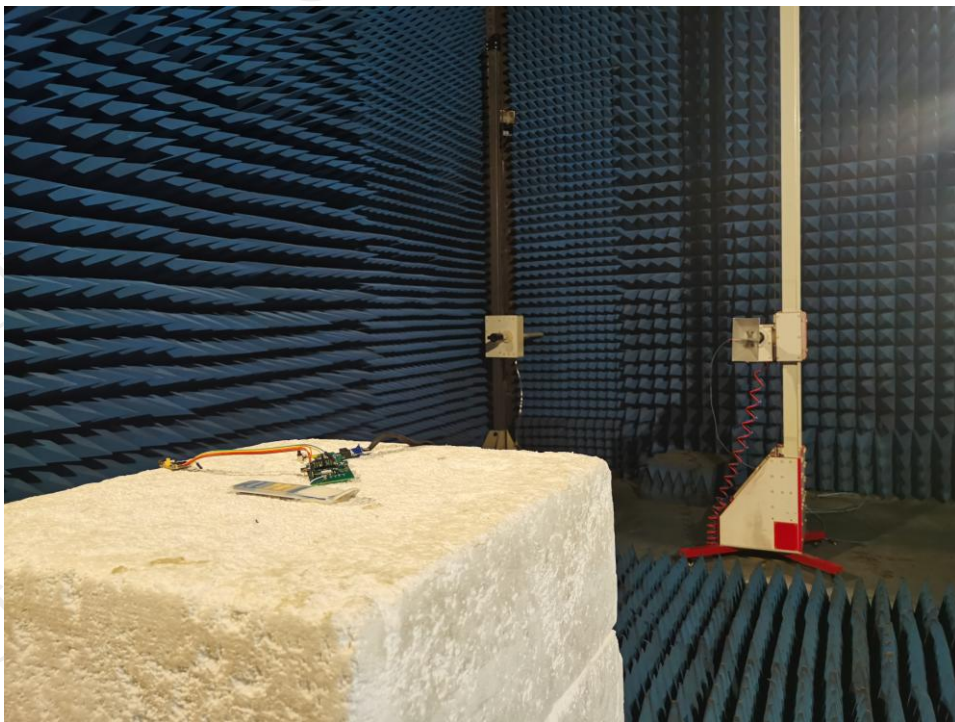
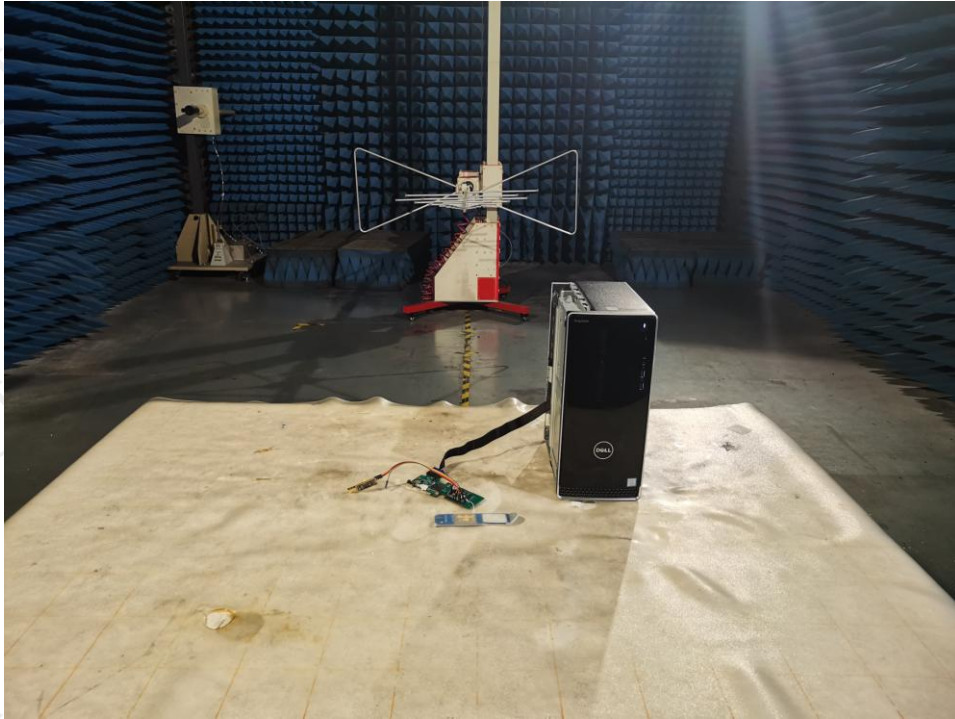
11N40SISO\_Ant1\_2422





## Appendix B: Photographs of Test Setup

Product: WIFI Module  
Model: WG225  
Radiated Emission



Conducted Emission



## Appendix C: Photographs of EUT

Refer to the test report No. TCT200907E018

**\*\*\*\*\*END OF REPORT\*\*\*\*\***