

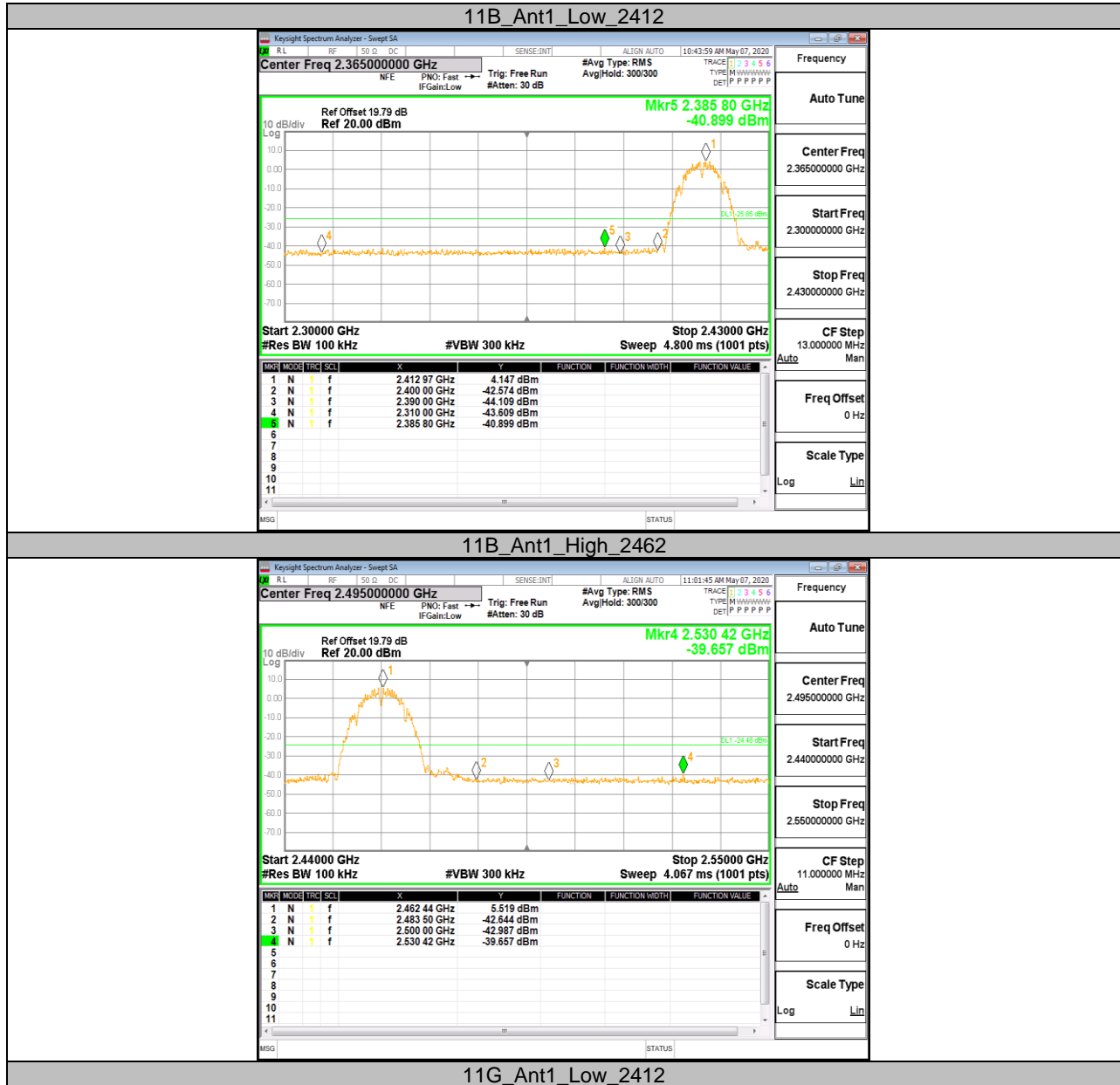


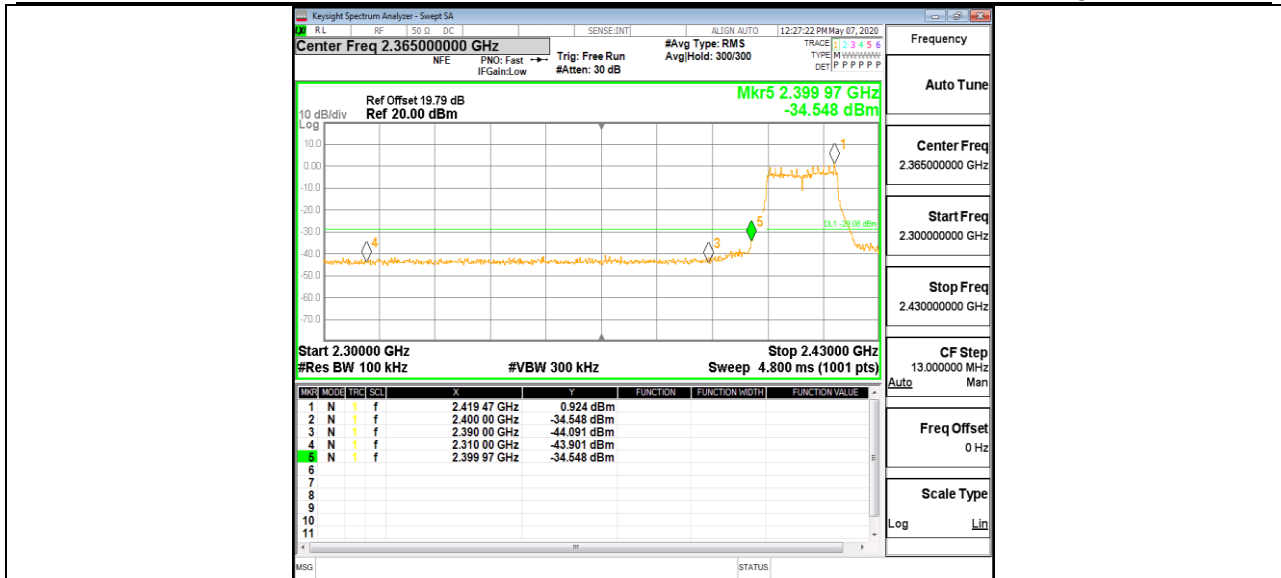
### Appendix E: Band edge measurements Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.15	-40.9	<=-25.85	PASS
		High	2462	5.52	-39.66	<=-24.48	PASS
11G	Ant1	Low	2412	0.92	-34.55	<=-29.08	PASS
		High	2462	1.25	-39.97	<=-28.75	PASS
11N20SISO	Ant1	Low	2412	-0.30	-37.28	<=-30.3	PASS
		High	2462	0.54	-40.11	<=-29.46	PASS

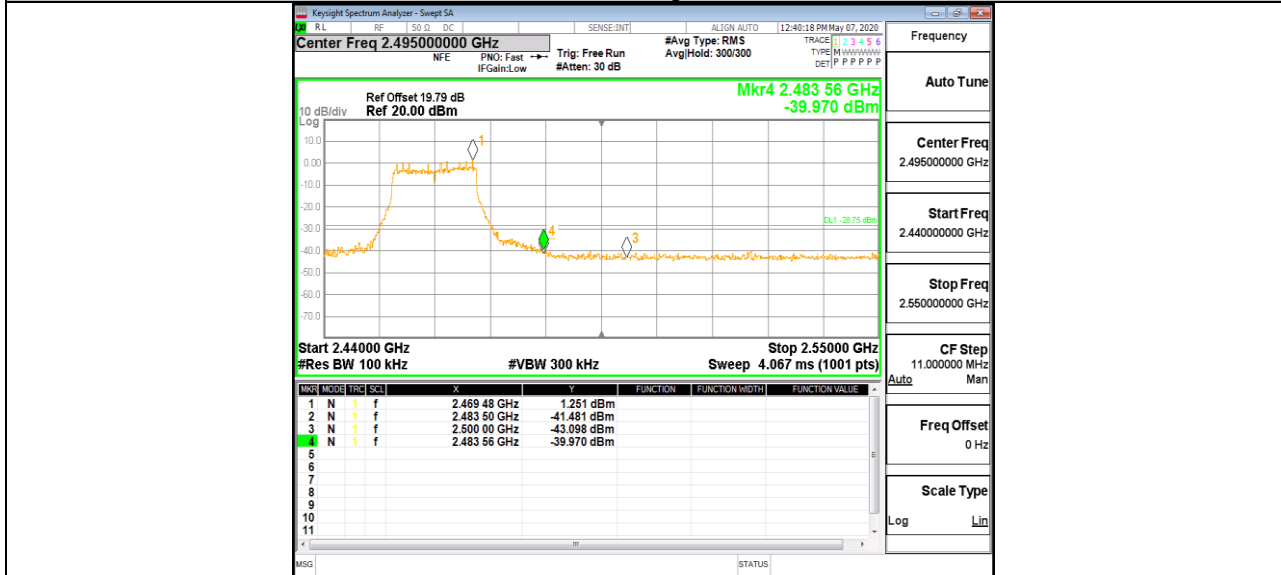


### Test Graphs

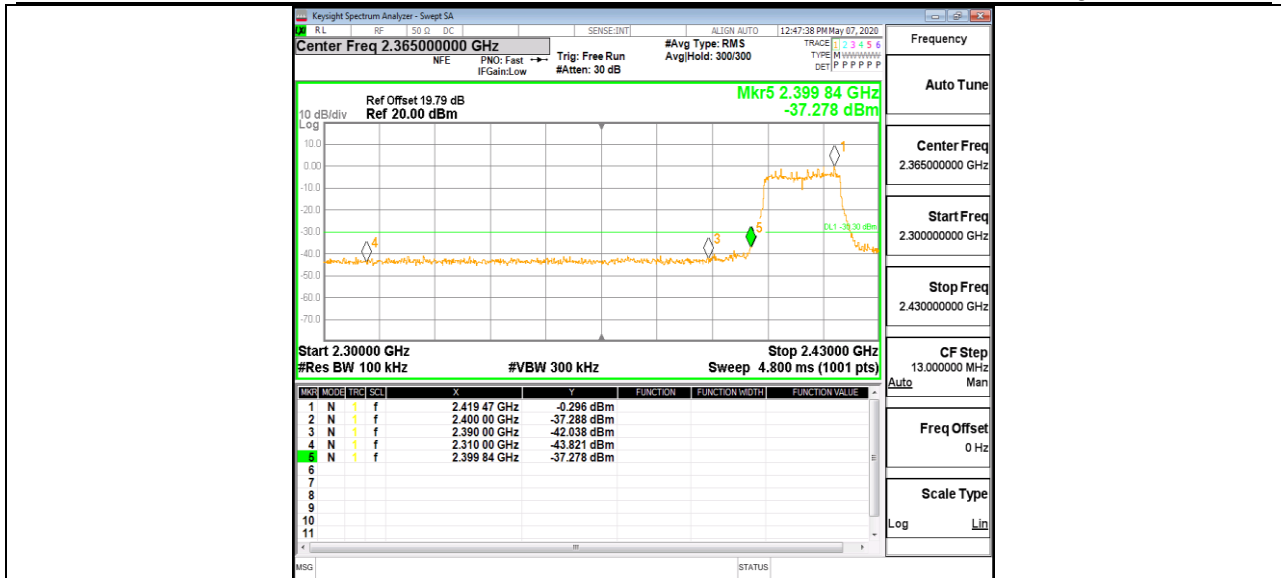




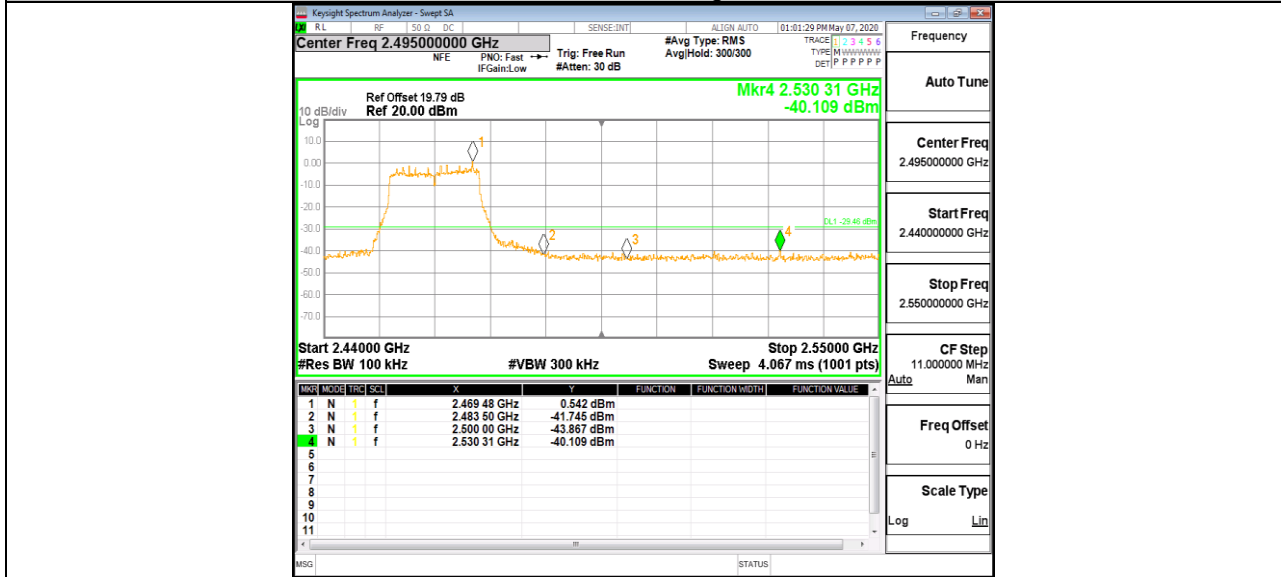
11G\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462



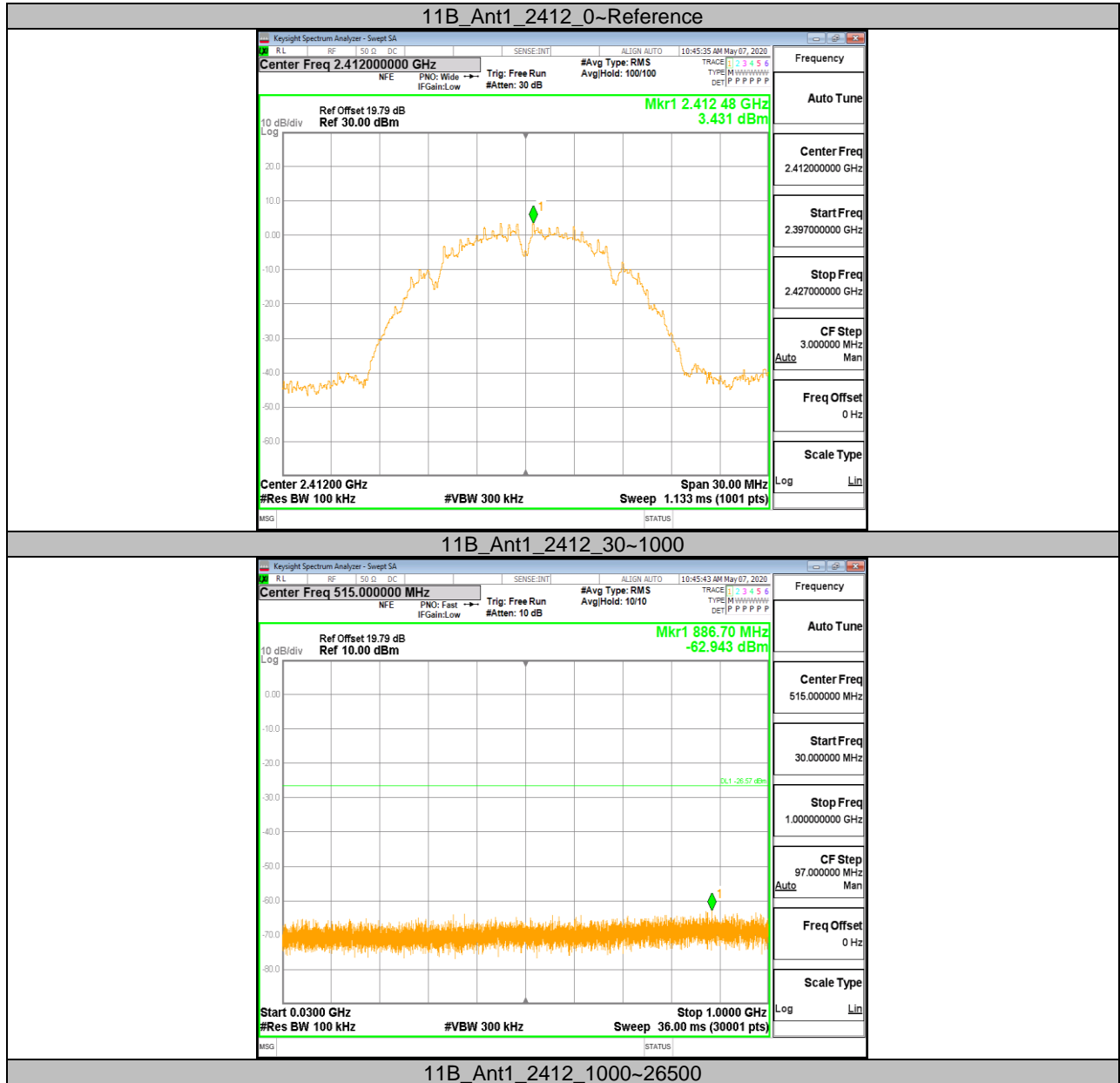


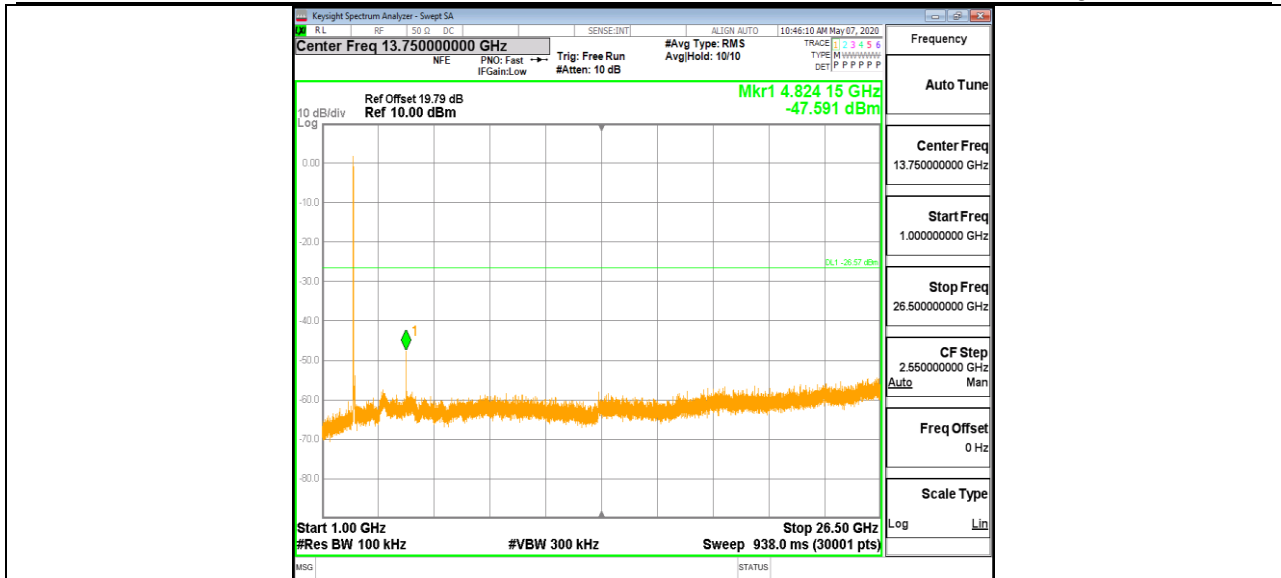
### Appendix F: Conducted Spurious Emission Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.43	3.43	---	PASS
			30~1000	30~1000	-62.943	<=-26.569	PASS
			1000~26500	1000~26500	-47.591	<=-26.569	PASS
		2437	Reference	5.50	5.50	---	PASS
			30~1000	30~1000	-63.679	<=-24.499	PASS
			1000~26500	1000~26500	-48.123	<=-24.499	PASS
		2462	Reference	4.95	4.95	---	PASS
			30~1000	30~1000	-63.365	<=-25.047	PASS
			1000~26500	1000~26500	-45.34	<=-25.047	PASS
11G	Ant1	2412	Reference	-0.62	-0.62	---	PASS
			30~1000	30~1000	-63.249	<=-30.622	PASS
			1000~26500	1000~26500	-38.278	<=-30.622	PASS
		2437	Reference	1.15	1.15	---	PASS
			30~1000	30~1000	-63.042	<=-28.85	PASS
			1000~26500	1000~26500	-54.116	<=-28.85	PASS
		2462	Reference	0.18	0.18	---	PASS
			30~1000	30~1000	-61.718	<=-29.823	PASS
			1000~26500	1000~26500	-47.492	<=-29.823	PASS
11N20SISO	Ant1	2412	Reference	-1.18	-1.18	---	PASS
			30~1000	30~1000	-62.86	<=-31.176	PASS
			1000~26500	1000~26500	-39.024	<=-31.176	PASS
		2437	Reference	0.92	0.92	---	PASS
			30~1000	30~1000	-62.267	<=-29.081	PASS
			1000~26500	1000~26500	-54.063	<=-29.081	PASS
		2462	Reference	-1.16	-1.16	---	PASS
			30~1000	30~1000	-63.181	<=-31.162	PASS
			1000~26500	1000~26500	-47.593	<=-31.162	PASS

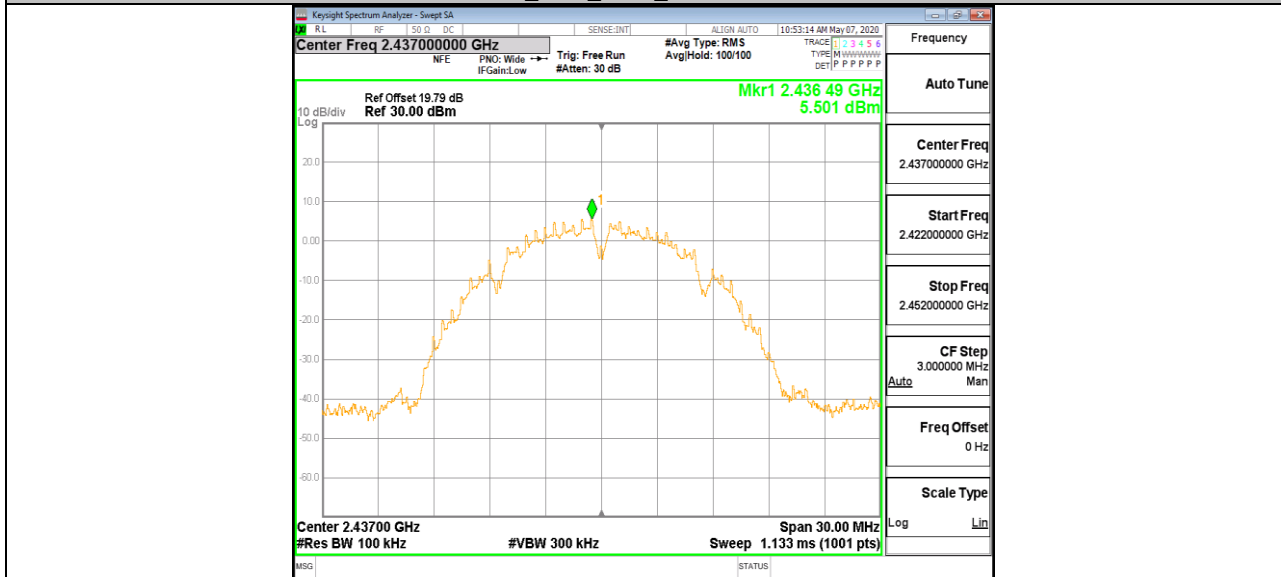


### Test Graphs



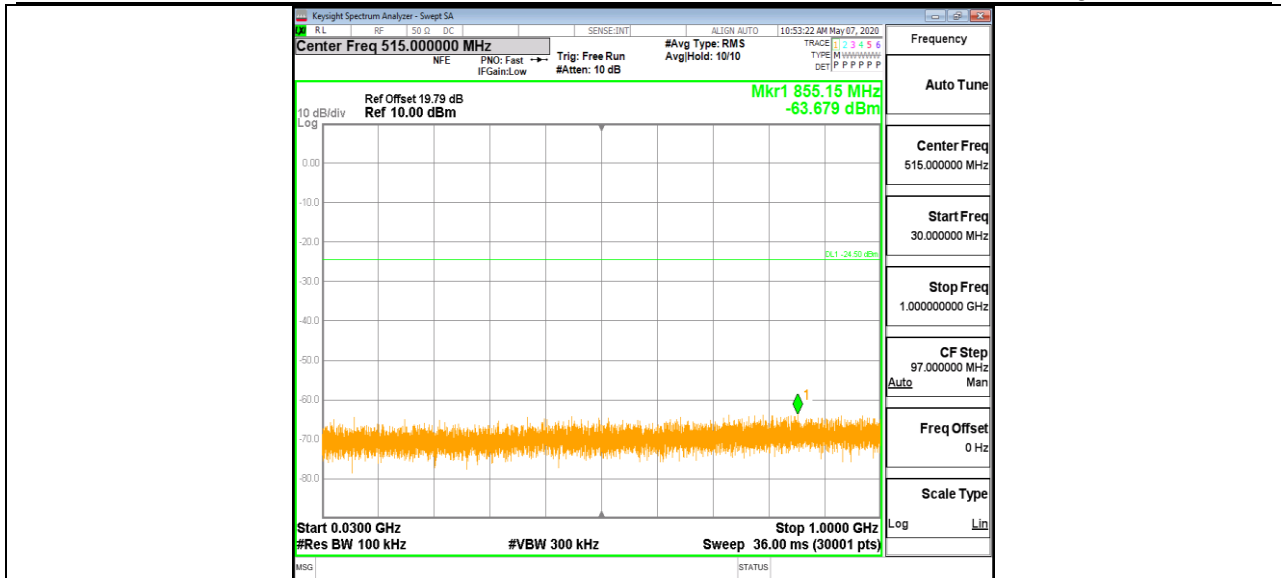


11B\_Ant1\_2437\_0-Reference

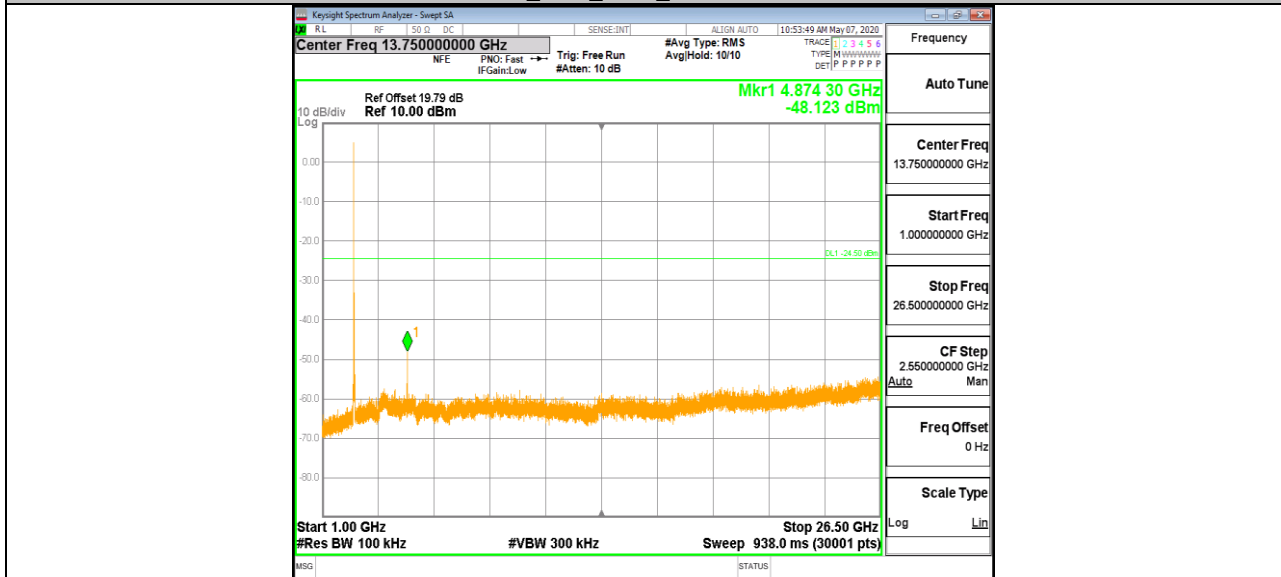


11B\_Ant1\_2437\_30-1000

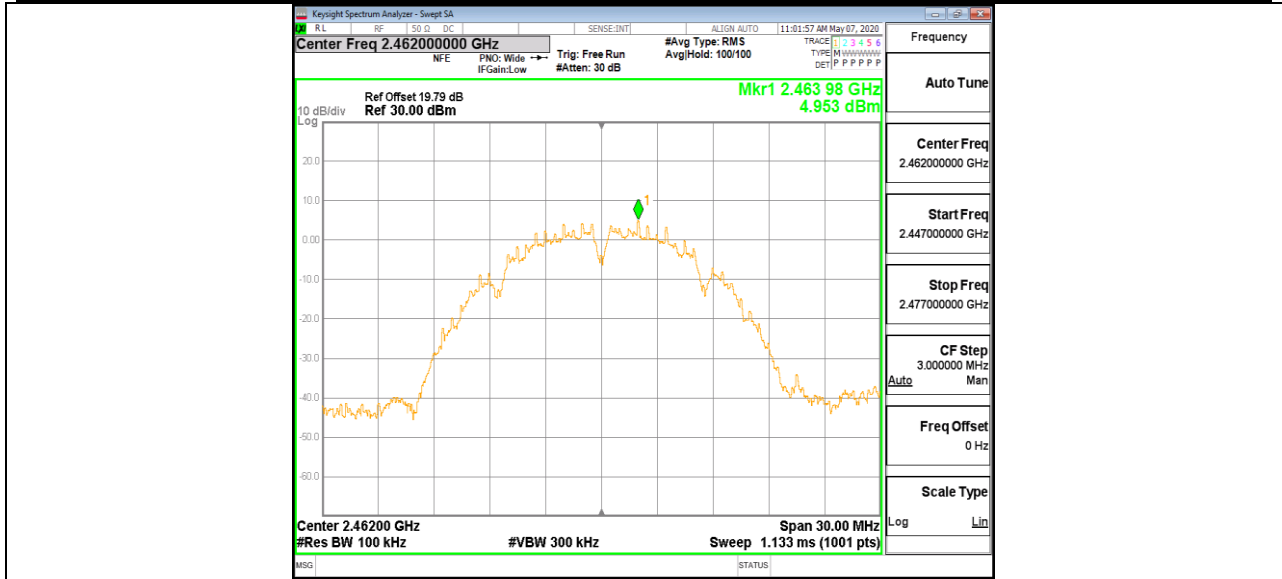




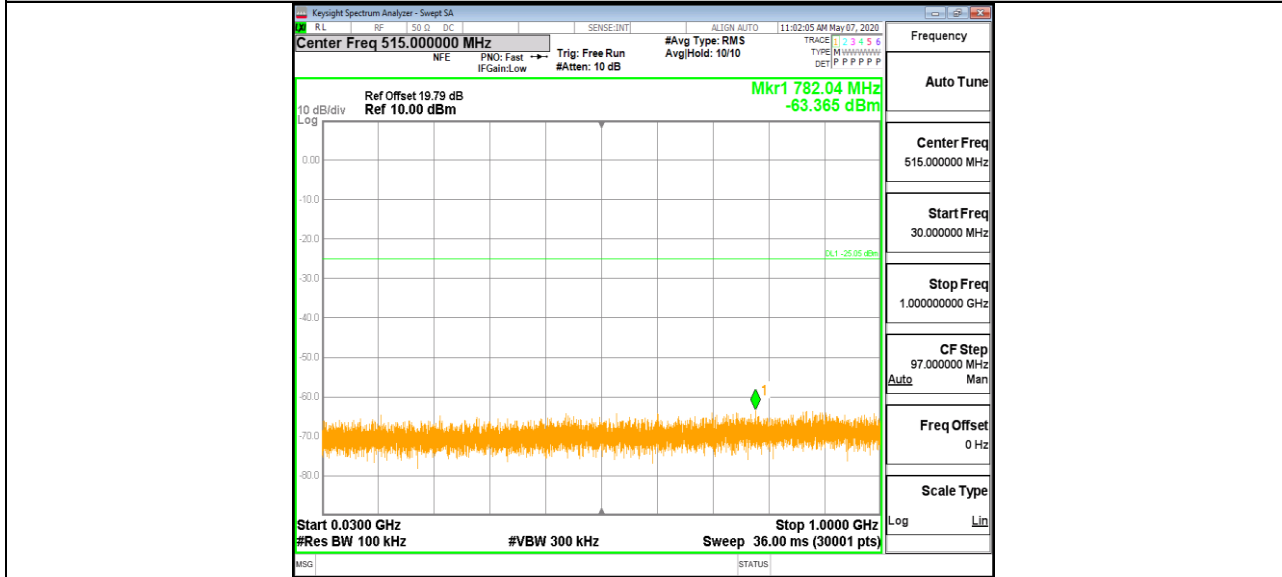
11B\_Ant1\_2437\_1000~26500



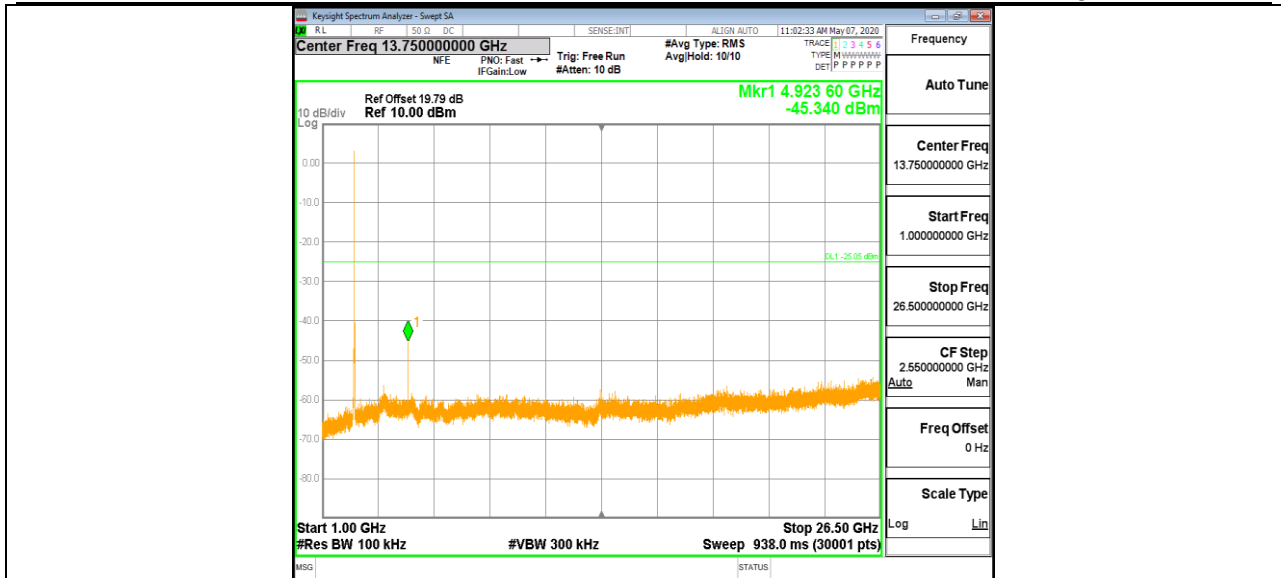
11B\_Ant1\_2462\_0~Reference



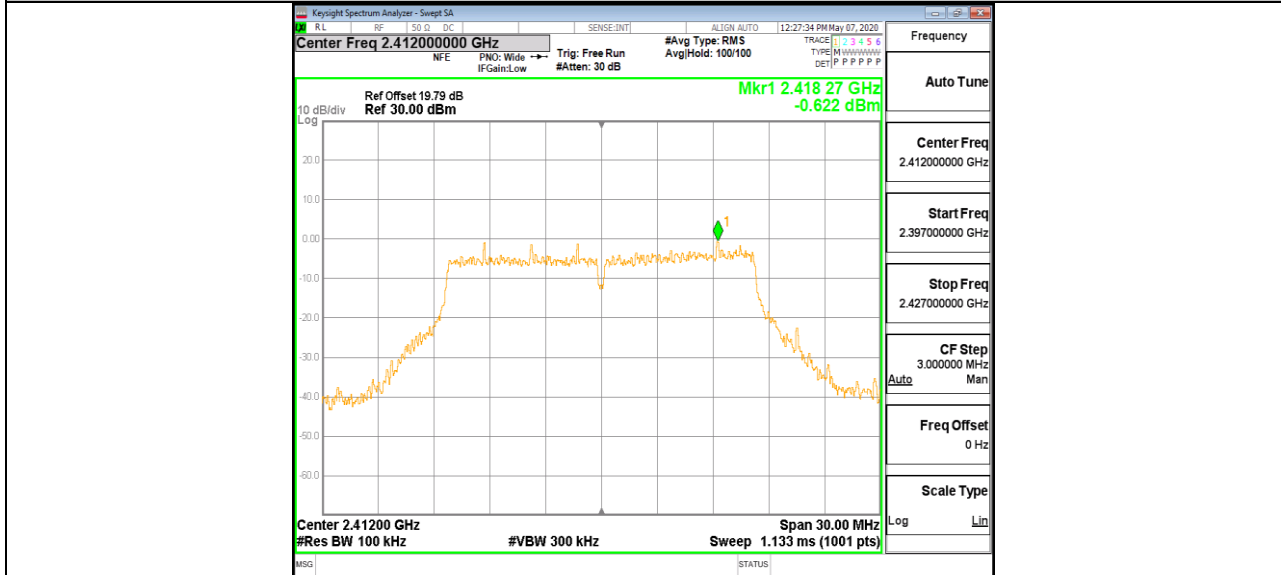
11B\_Ant1\_2462\_30-1000



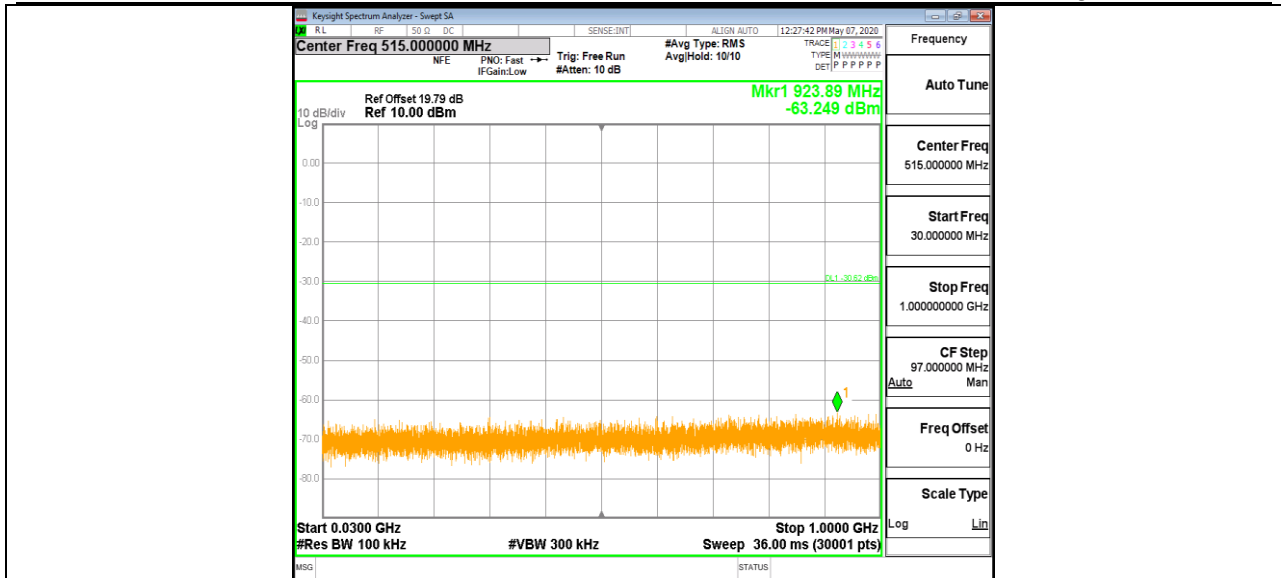
11B\_Ant1\_2462\_1000-26500



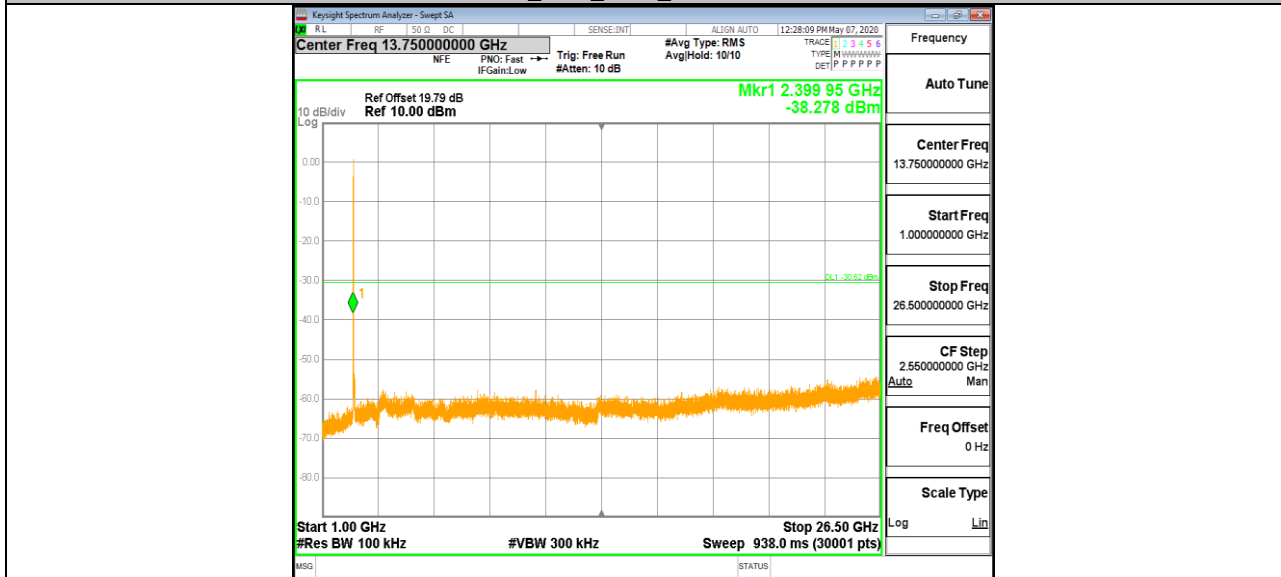
11G\_Ant1\_2412\_0~Reference



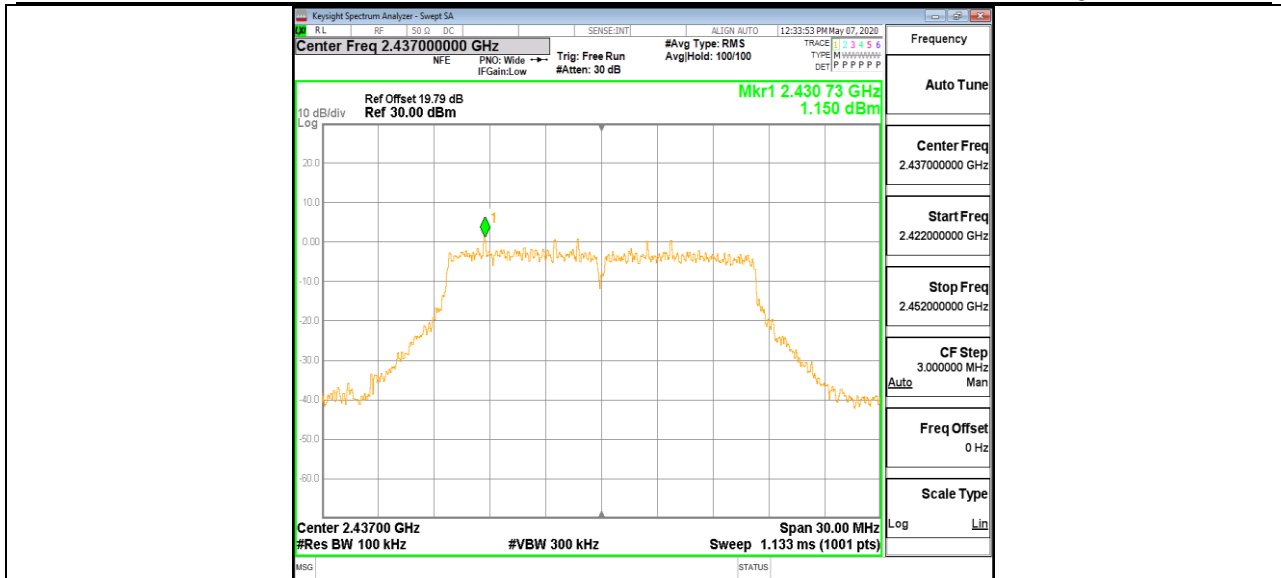
11G\_Ant1\_2412\_30~1000



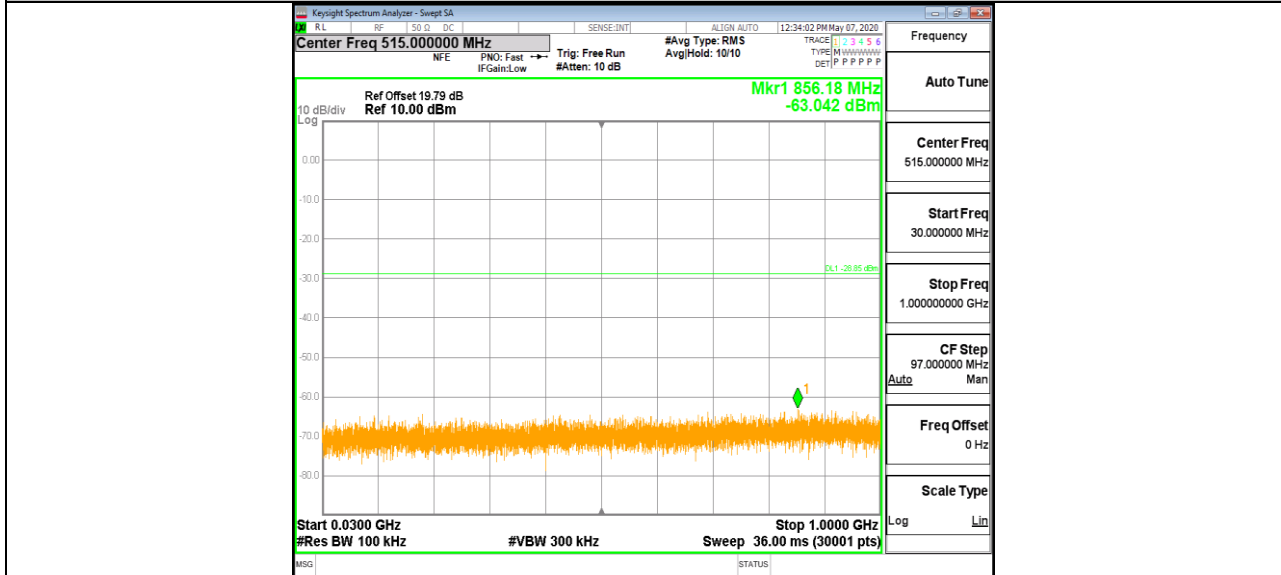
11G\_Ant1\_2412\_1000~26500



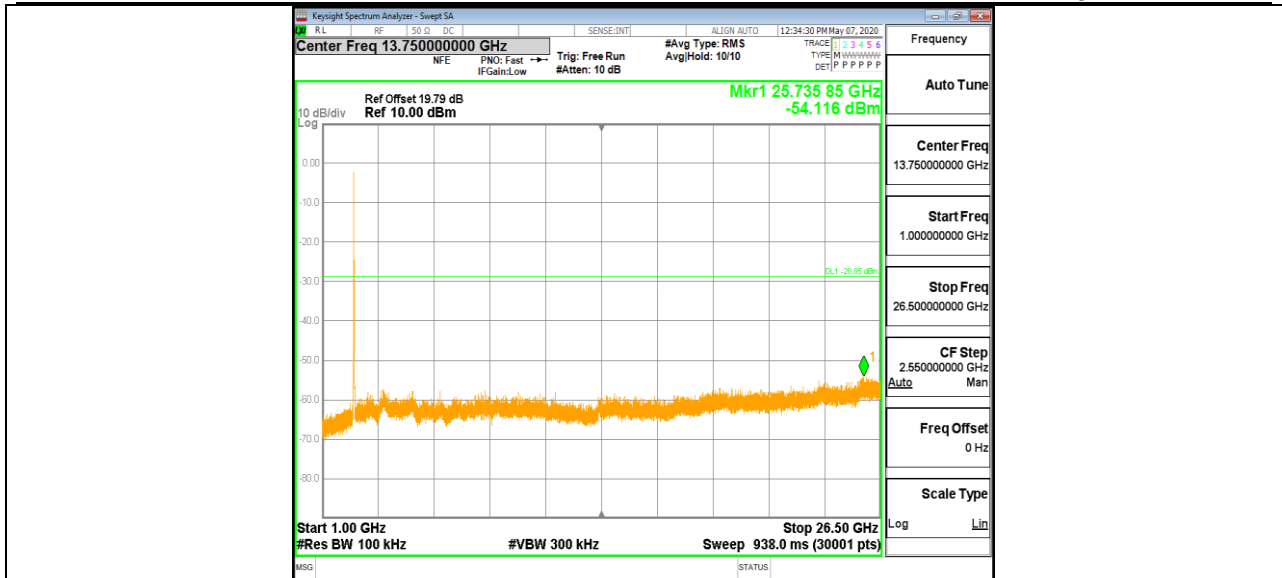
11G\_Ant1\_2437\_0~Reference



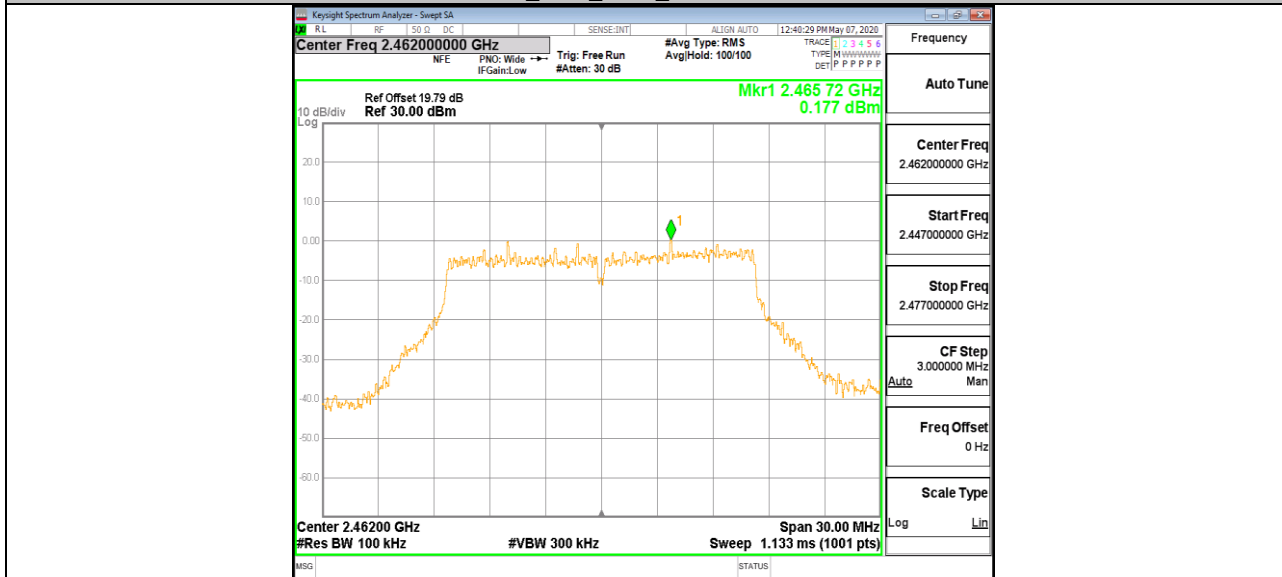
11G\_Ant1\_2437\_30~1000



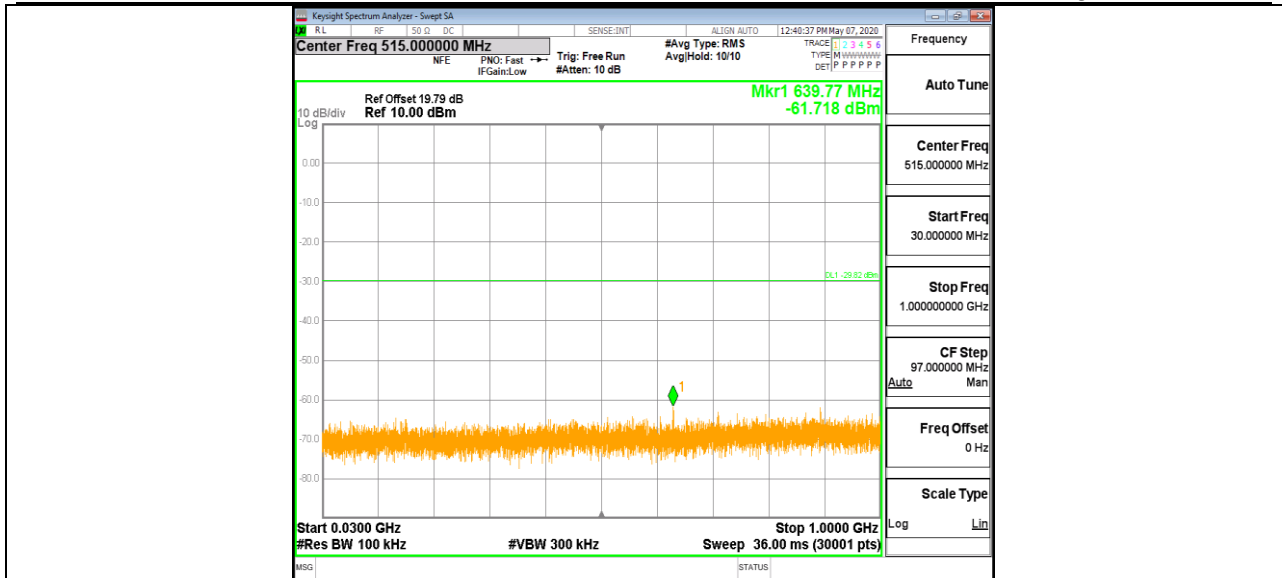
11G\_Ant1\_2437\_1000~26500



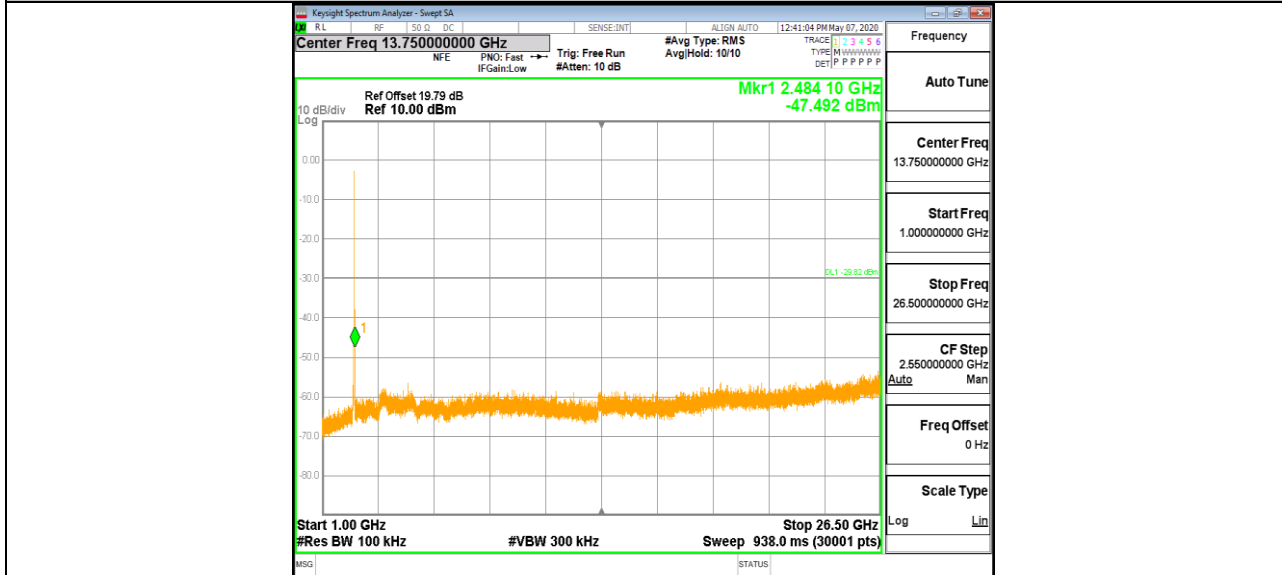
11G\_Ant1\_2462\_0~Reference



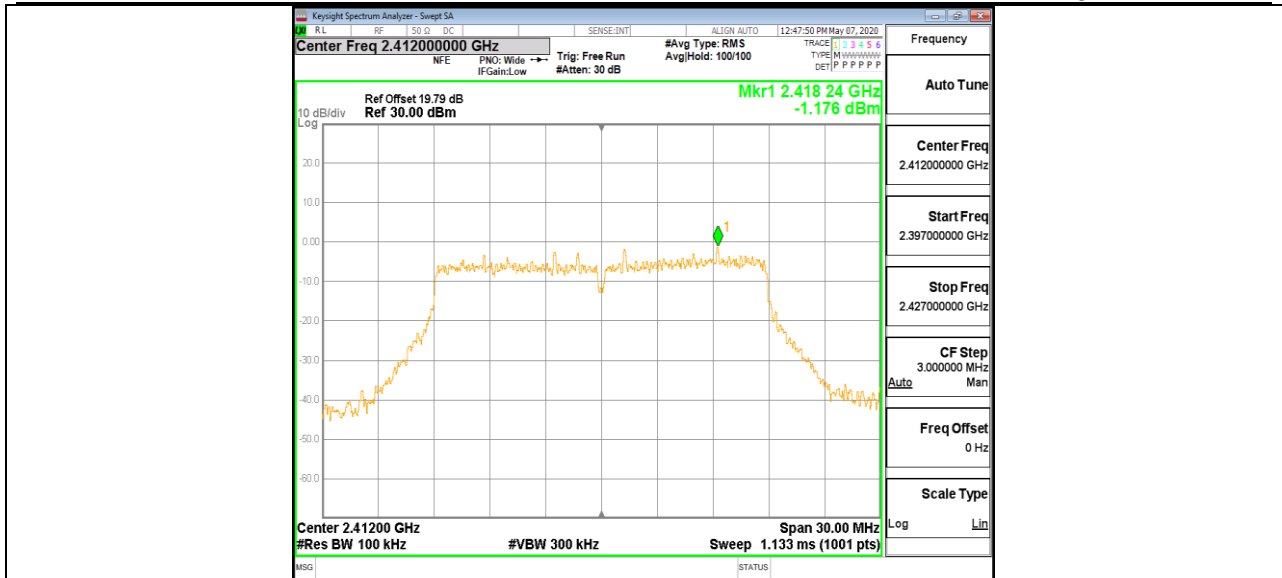
11G\_Ant1\_2462\_30~1000



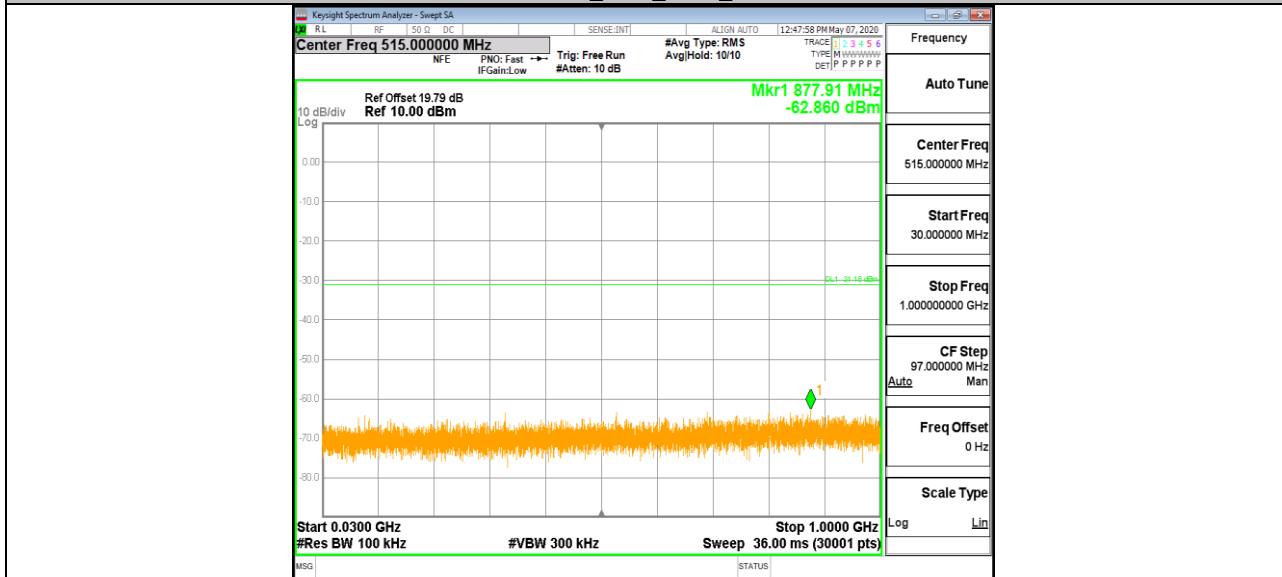
11G\_Ant1\_2462\_1000~26500



11N20SISO\_Ant1\_2412\_0~Reference

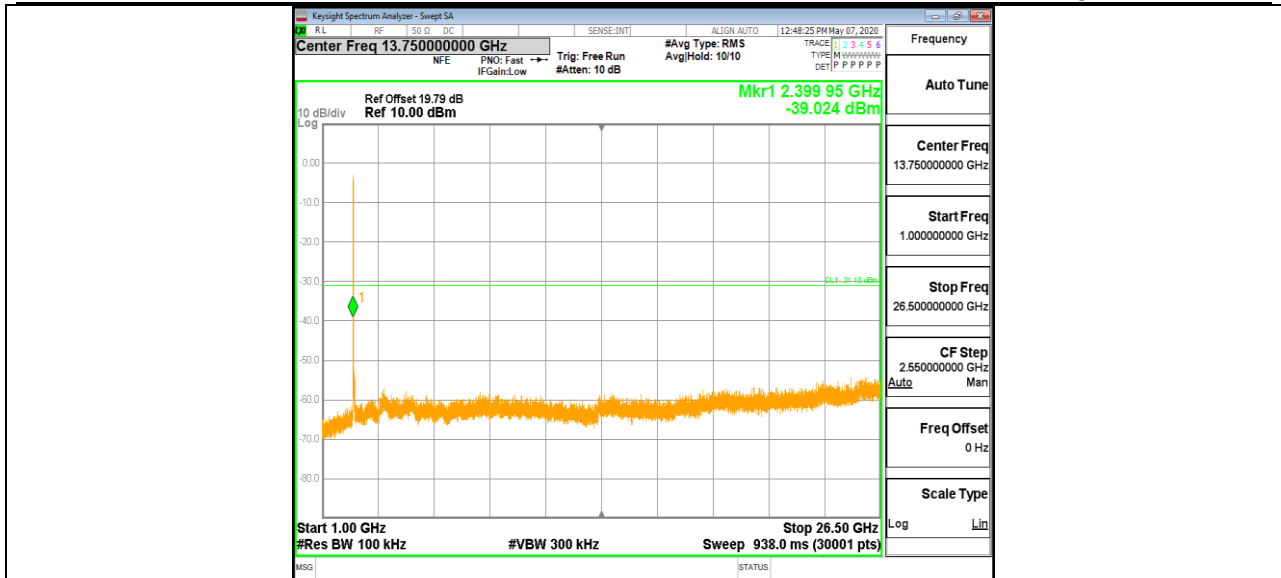


11N20SISO\_Ant1\_2412\_30~1000

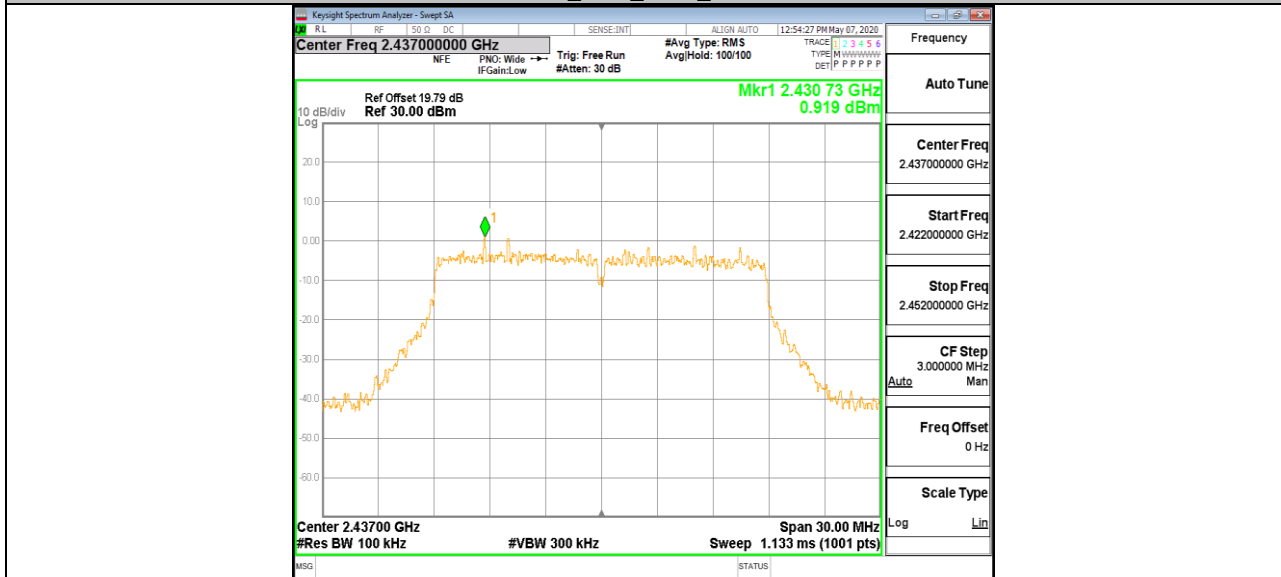


11N20SISO\_Ant1\_2412\_1000~26500

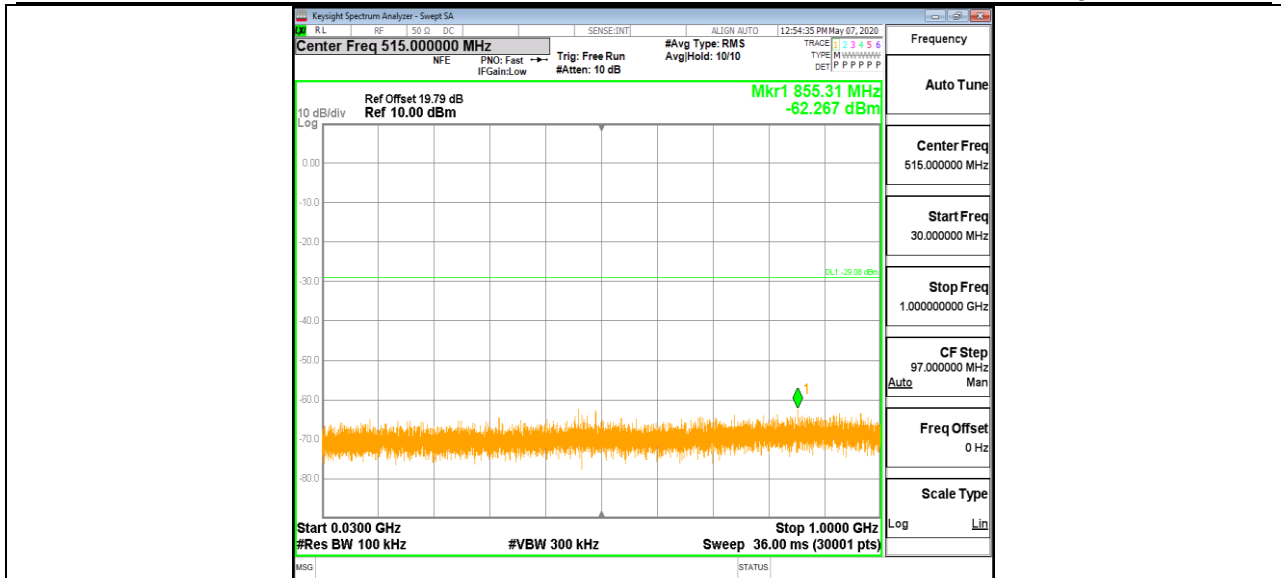




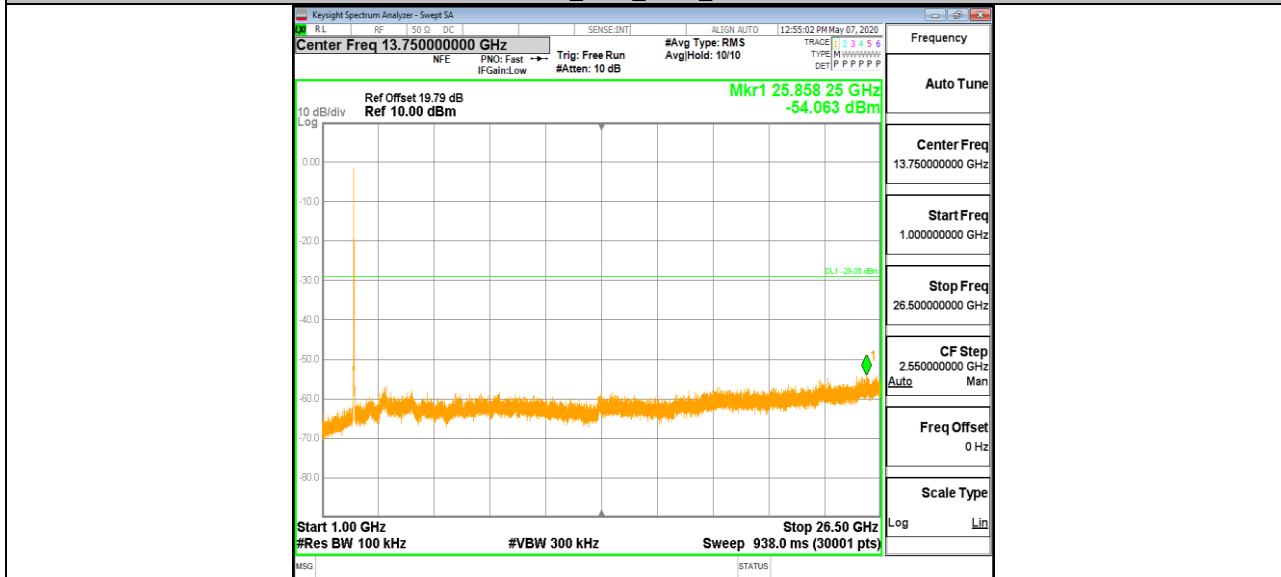
11N20SISO\_Ant1\_2437\_0~Reference



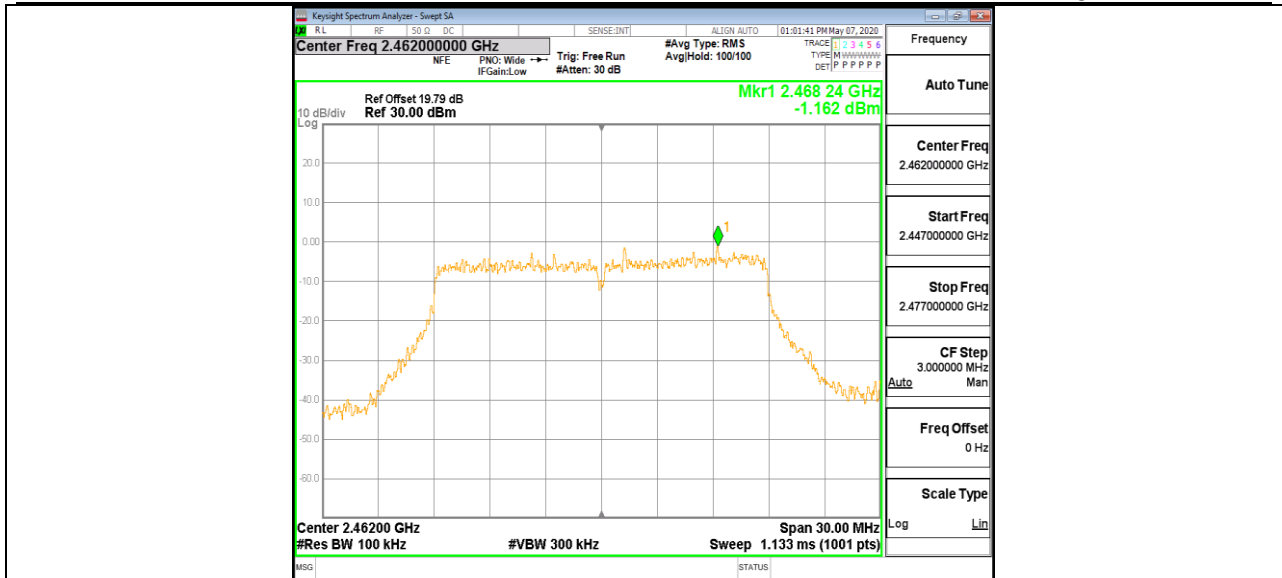
11N20SISO\_Ant1\_2437\_30~100



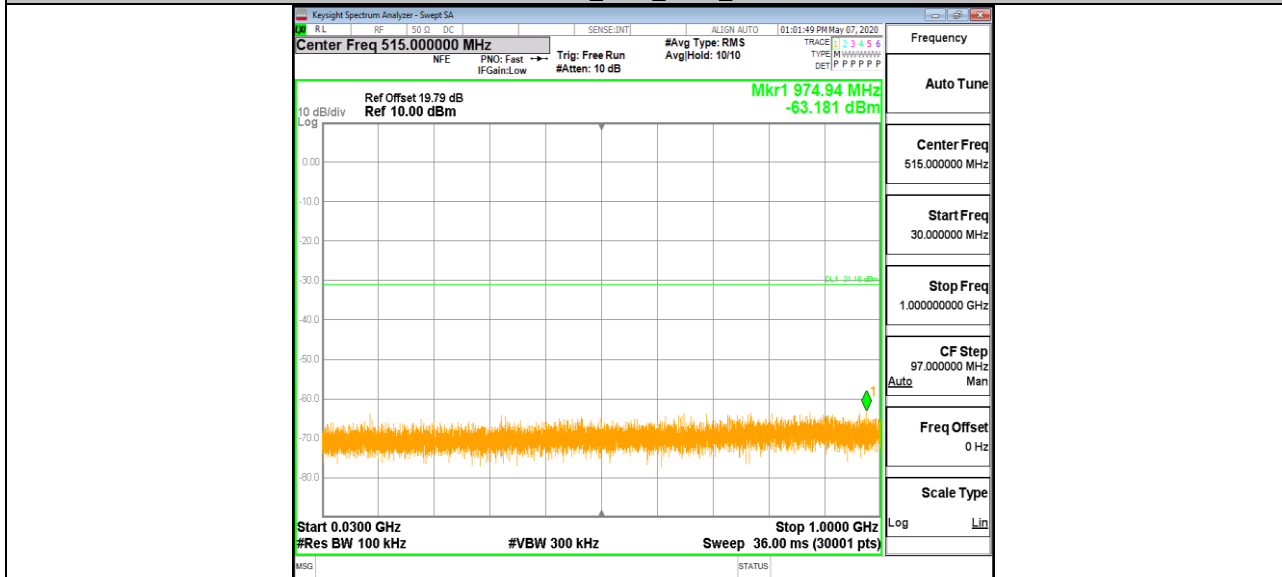
11N20SISO\_Ant1\_2437\_1000-26500



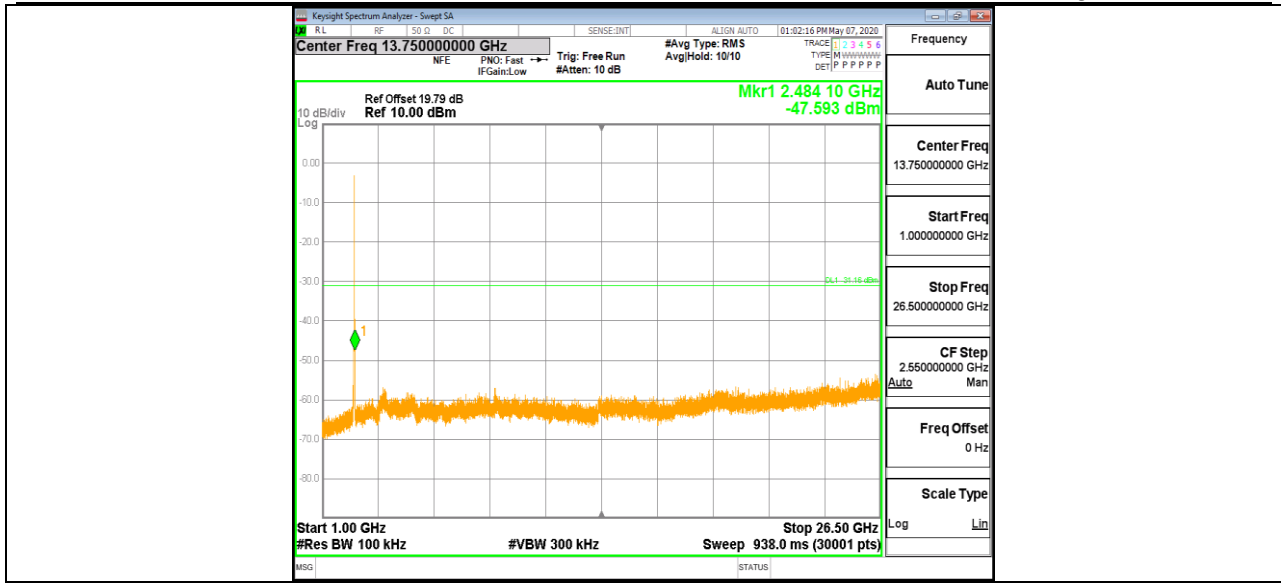
11N20SISO\_Ant1\_2462\_0-Reference



11N20SISO\_Ant1\_2462\_30~1000



11N20SISO\_Ant1\_2462\_1000~26500





**Appendix G: Duty Cycle  
Test Result**

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.22	8.42	97.59	---	PASS
		2437	8.22	8.42	97.59	---	PASS
		2462	8.22	8.42	97.59	---	PASS
11G	Ant1	2412	1.36	1.56	87.12	---	PASS
		2437	1.36	1.56	87.10	---	PASS
		2462	1.36	1.56	87.12	---	PASS
11N20SISO	Ant1	2412	1.27	1.47	86.34	---	PASS
		2437	1.27	1.47	86.34	---	PASS
		2462	1.27	1.47	86.43	---	PASS

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	8.218	8.421	0.9759	99.59	0.1	0.12	0.01
11g	1.360	1.562	0.8707	87.07	0.6	0.74	1
11n20	1.273	1.474	0.8636	86.36	0.6	0.79	1

Note:

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

Where: x is Duty Cycle (Linear)

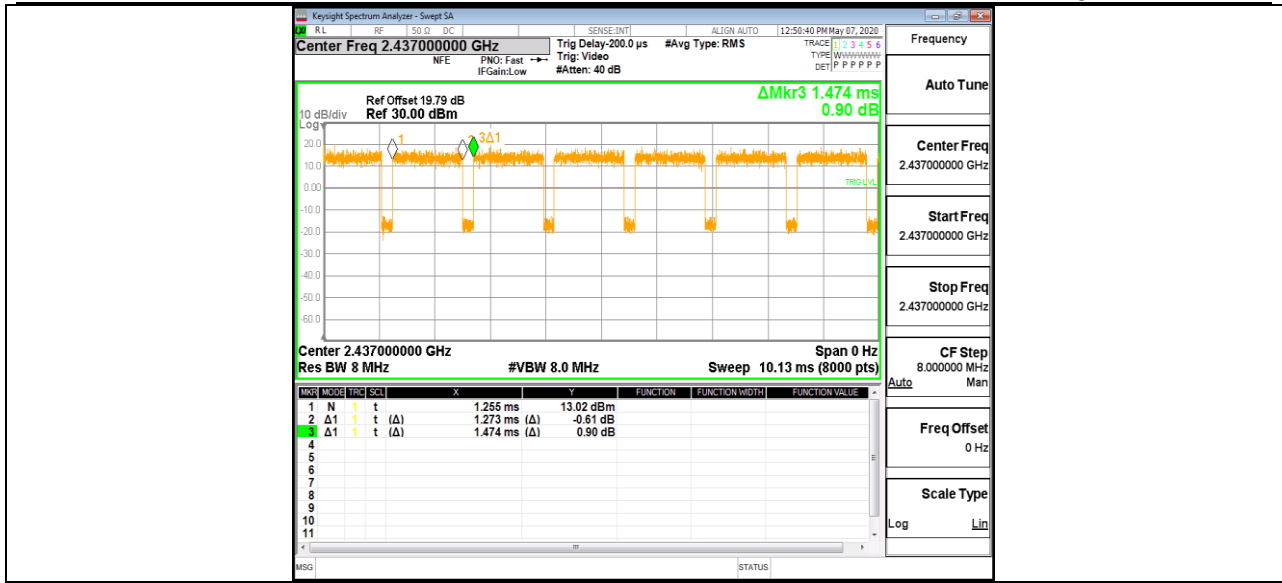
Where: T is On Time

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



### Test Graphs





END OF REPORT