

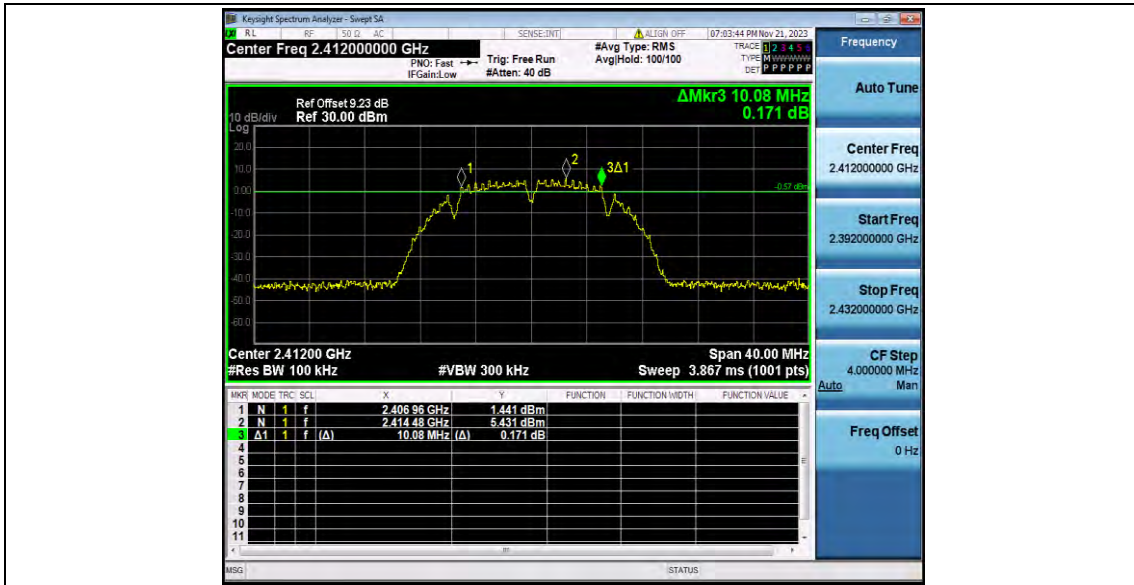
<b>Case No. :</b> <u>GTS20231017004-1-23</u>
<b>Ambient Condition:</b> <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
<b>Test Date:</b> <u>2023.11.21</u> <b>Test Engineer:</b> <u>Evan ouyang</u>

## Appendix C.1: DTS Bandwidth

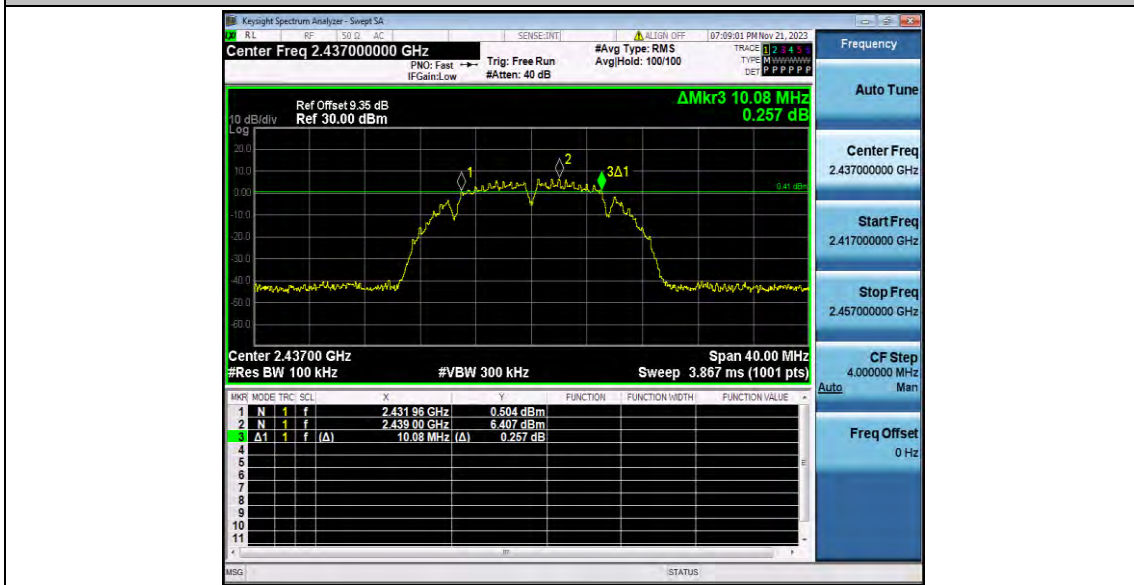
### Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant2	2412	11.280	2406.960	2418.240	0.5	PASS
		2437	14.960	2429.520	2444.480	0.5	PASS
		2462	15.320	2454.440	2469.760	0.5	PASS
11N20SISO	Ant2	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.920	2429.440	2445.360	0.5	PASS
		2462	15.960	2453.840	2469.800	0.5	PASS
11N40SISO	Ant2	2422	33.760	2405.760	2439.520	0.5	PASS
		2437	33.840	2420.680	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

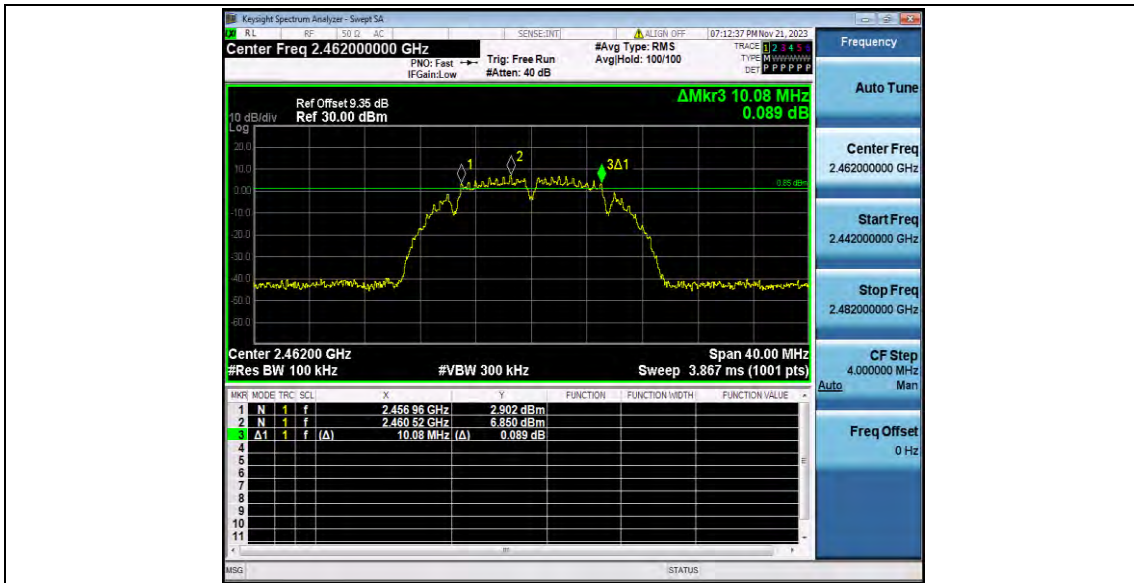
## Test Graphs



11B\_Ant2\_2412



11B\_Ant2\_2437



11B\_Ant2\_2462



11G\_Ant2\_2412



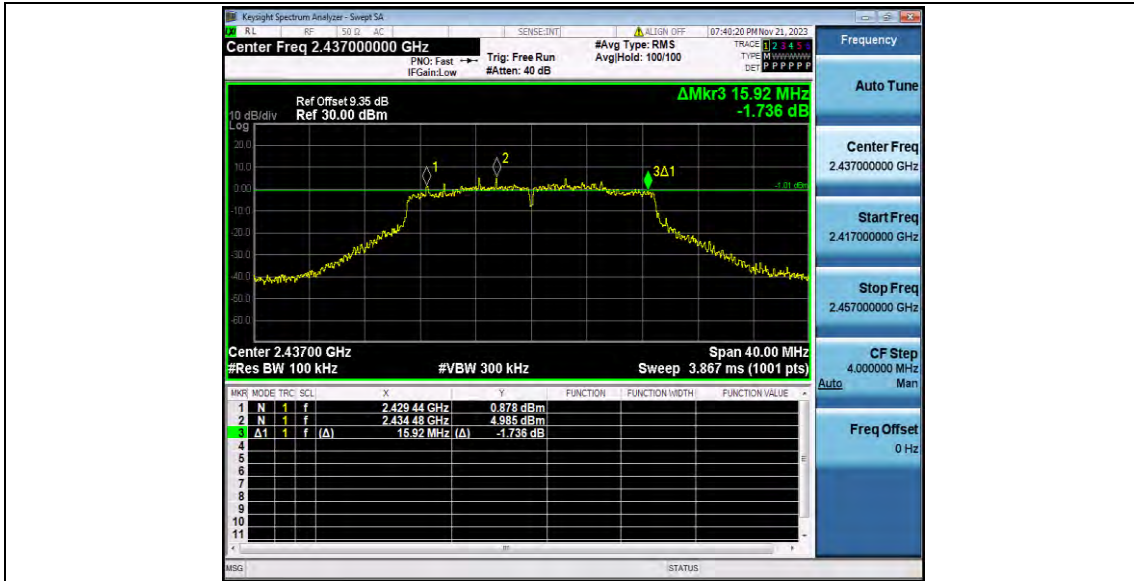
11G\_Ant2\_2437



11G\_Ant2\_2462



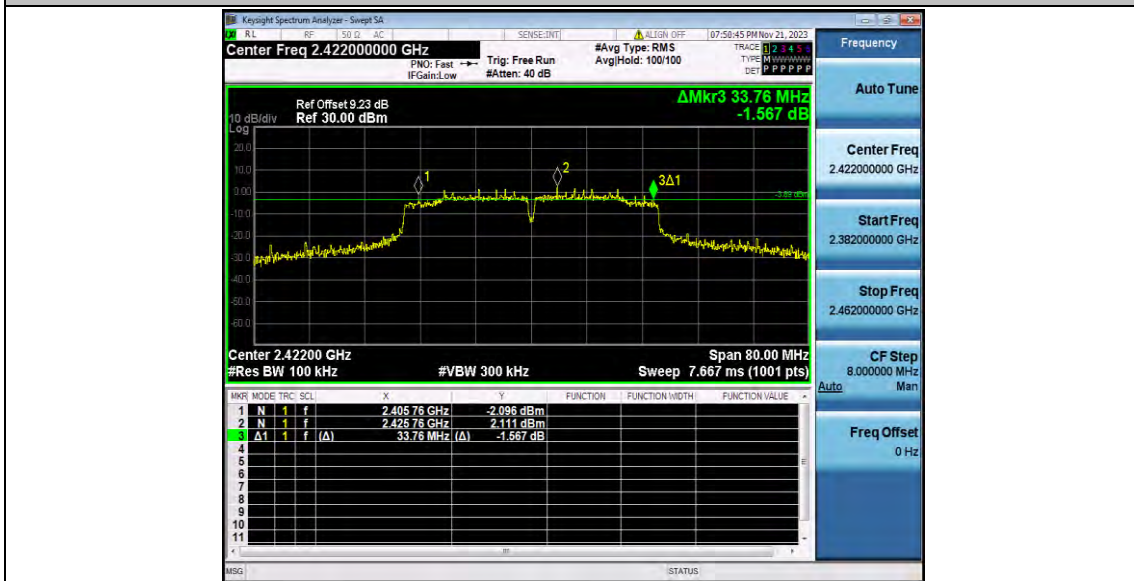
11N20SISO\_Ant2\_2412



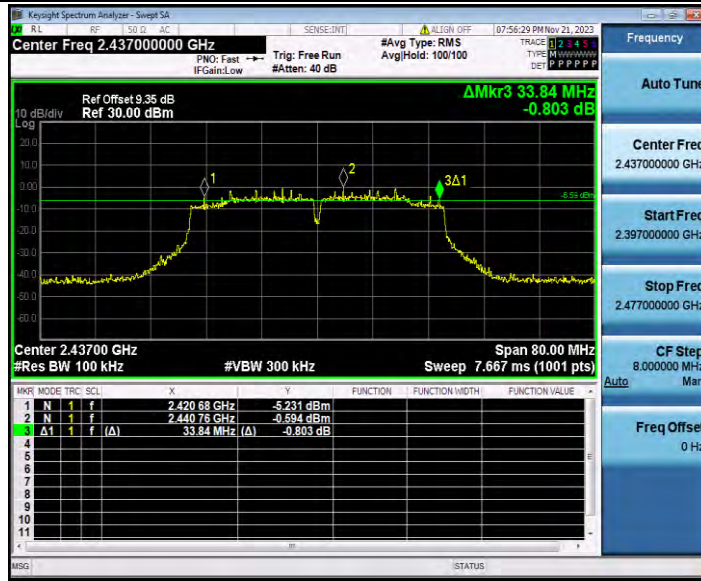
11N20SISO\_Ant2\_2437



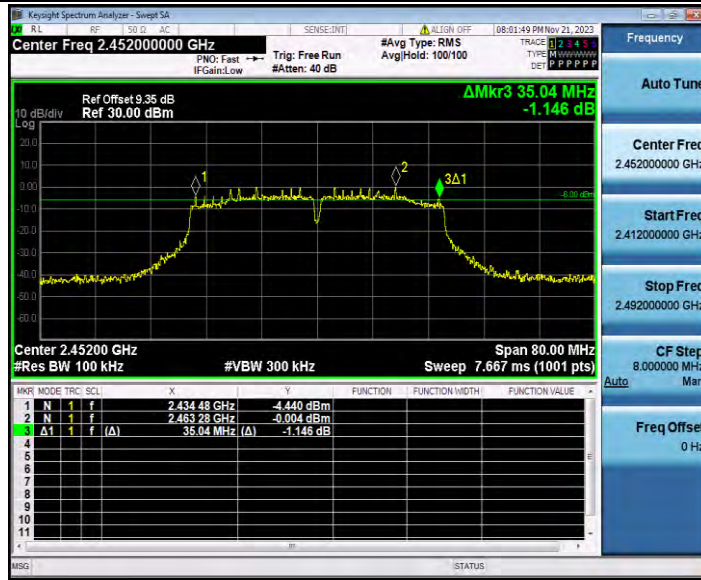
11N20SISO\_Ant2\_2462



11N40SISO\_Ant2\_2422



11N40SISO\_Ant2\_2437



11N40SISO\_Ant2\_2452

## Appendix C.2: Occupied Channel Bandwidth

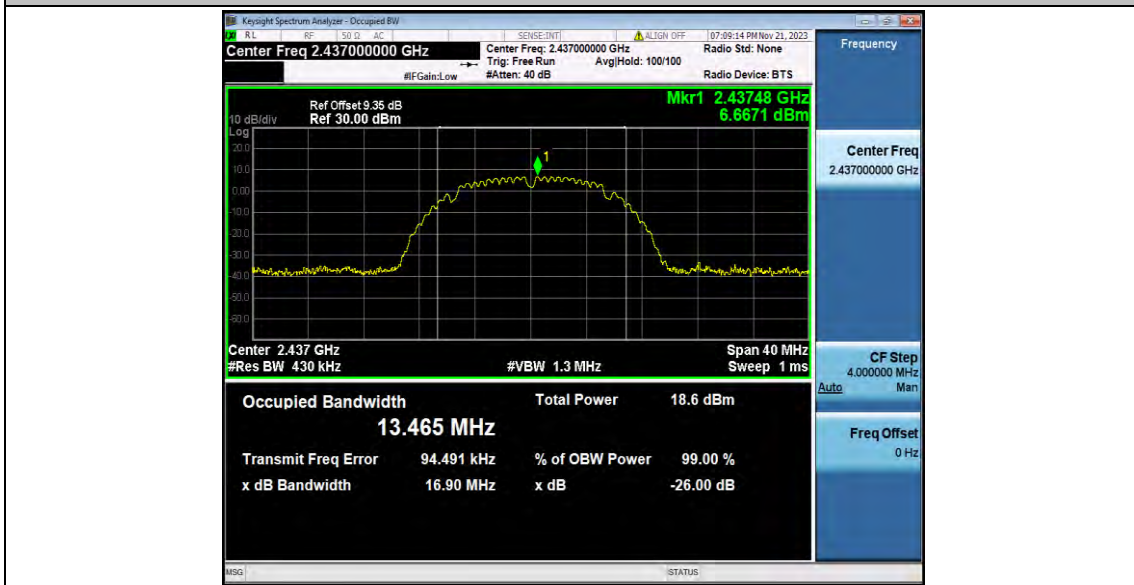
### Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.527	2405.278	2418.805	---	---
		2437	13.465	2430.362	2443.827	---	---
		2462	13.409	2455.317	2468.726	---	---
11G	Ant2	2412	16.927	2403.568	2420.495	---	---
		2437	16.957	2428.627	2445.584	---	---
		2462	16.828	2453.603	2470.431	---	---
11N20SISO	Ant2	2412	17.973	2403.088	2421.061	---	---
		2437	17.934	2428.110	2446.044	---	---
		2462	17.929	2453.059	2470.988	---	---
11N40SISO	Ant2	2422	37.145	2403.673	2440.818	---	---
		2437	36.107	2419.038	2455.145	---	---
		2452	35.967	2434.076	2470.043	---	---

## Test Graphs

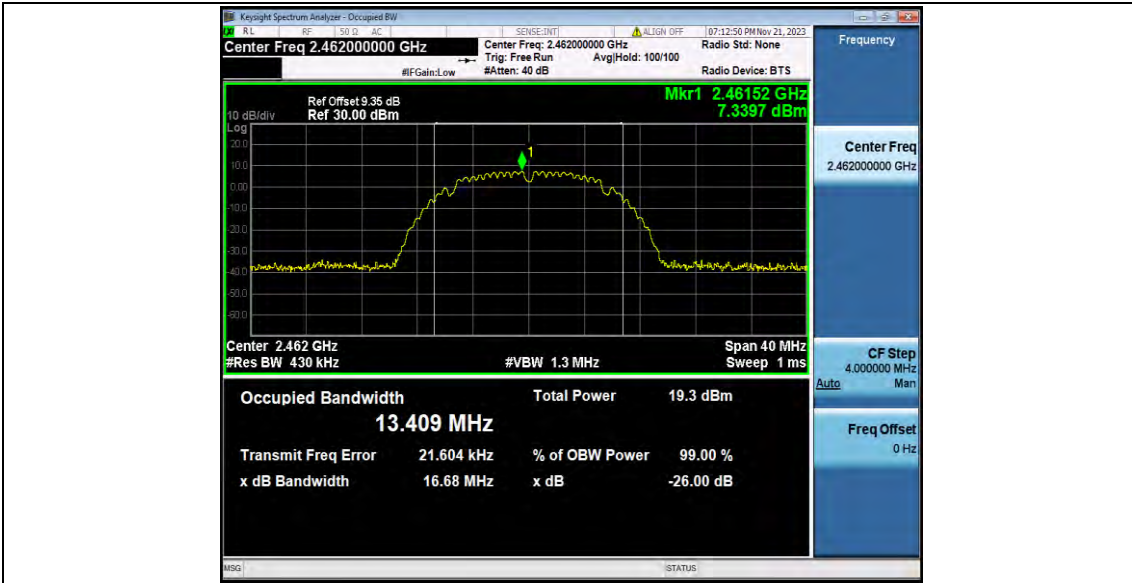


11B\_Ant2\_2412

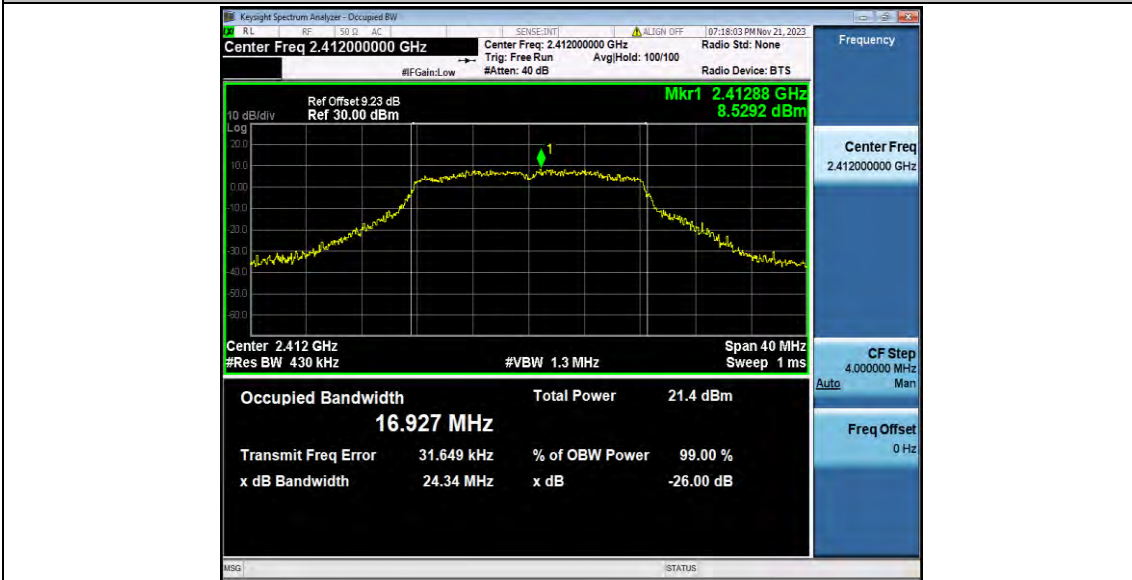


11B\_Ant2\_2437





11B\_Ant2\_2462



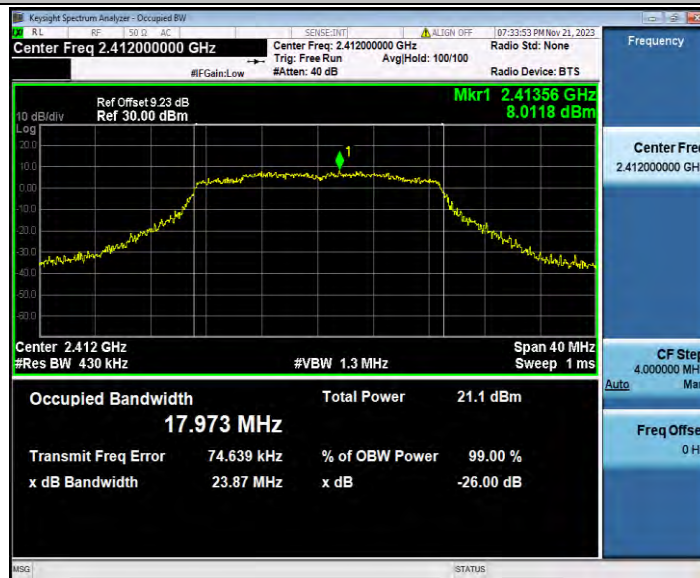
11G\_Ant2\_2412



11G\_Ant2\_2437



11G\_Ant2\_2462



11N20SISO\_Ant2\_2412



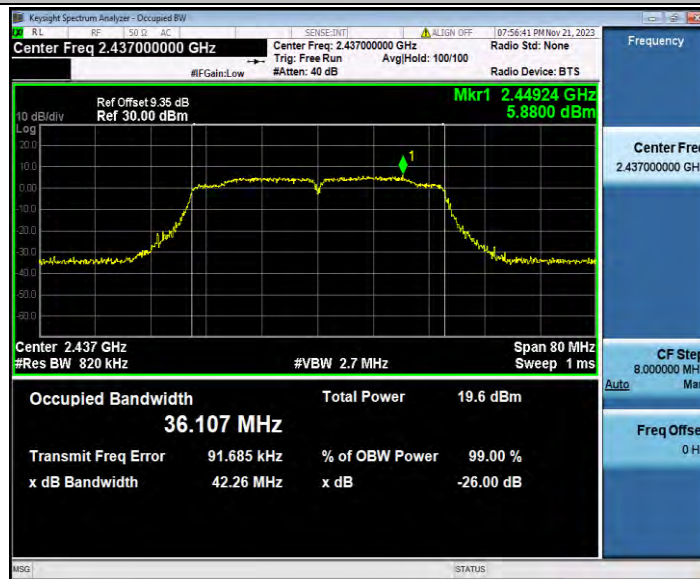
11N20SISO\_Ant2\_2437



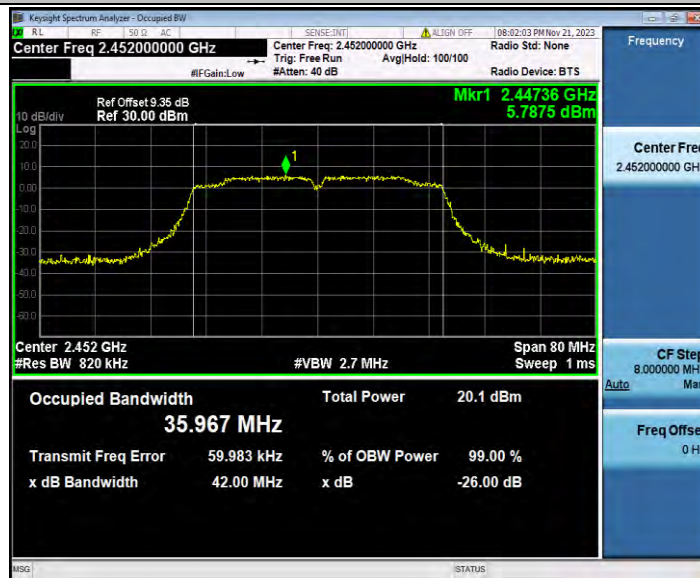
11N20SISO\_Ant2\_2462



11N40SISO\_Ant2\_2422



11N40SISO\_Ant2\_2437



11N40SISO\_Ant2\_2452

## Appendix C.3: Maximum conducted output power

### Test Result Peak

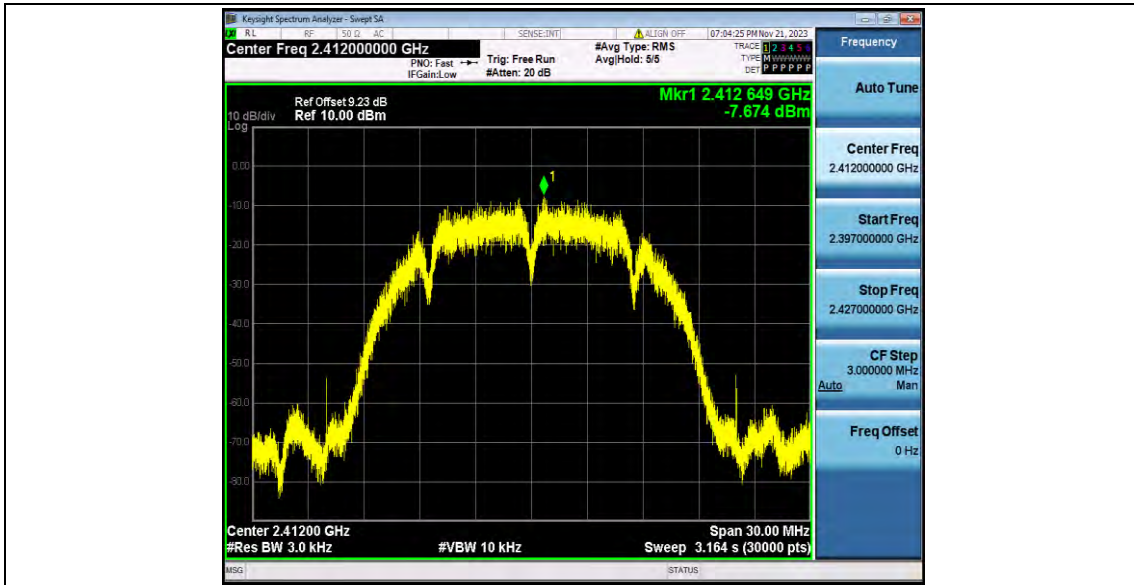
Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant2	2412	18.25	≤30.00	PASS
		2437	18.66	≤30.00	PASS
		2462	19.34	≤30.00	PASS
11G	Ant2	2412	22.34	≤30.00	PASS
		2437	22.73	≤30.00	PASS
		2462	23.36	≤30.00	PASS
11N20SISO	Ant2	2412	22.19	≤30.00	PASS
		2437	22.64	≤30.00	PASS
		2462	23.29	≤30.00	PASS
11N40SISO	Ant2	2422	22.62	≤30.00	PASS
		2437	19.84	≤30.00	PASS
		2452	20.41	≤30.00	PASS

## Appendix C.4: Maximum power spectral density

### Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-7.67	≤8.00	PASS
		2437	-6.89	≤8.00	PASS
		2462	-6.56	≤8.00	PASS
11G	Ant2	2412	-8.21	≤8.00	PASS
		2437	-9.58	≤8.00	PASS
		2462	-7.97	≤8.00	PASS
11N20SISO	Ant2	2412	-9.79	≤8.00	PASS
		2437	-8.6	≤8.00	PASS
		2462	-8.29	≤8.00	PASS
11N40SISO	Ant2	2422	-11.47	≤8.00	PASS
		2437	-15.42	≤8.00	PASS
		2452	-14.69	≤8.00	PASS

## Test Graphs



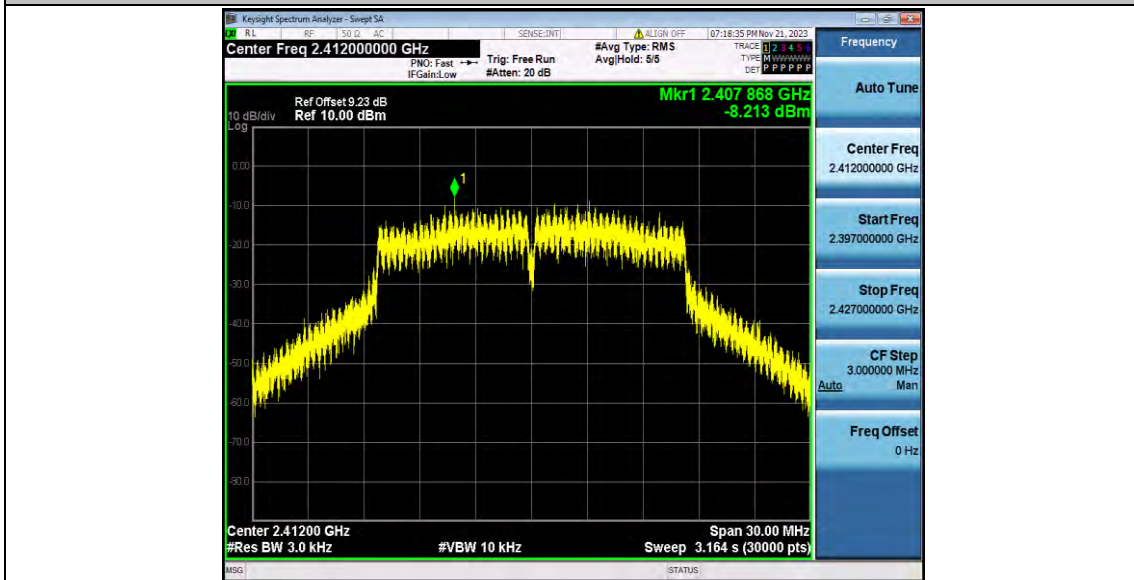
11B\_Ant2\_2412



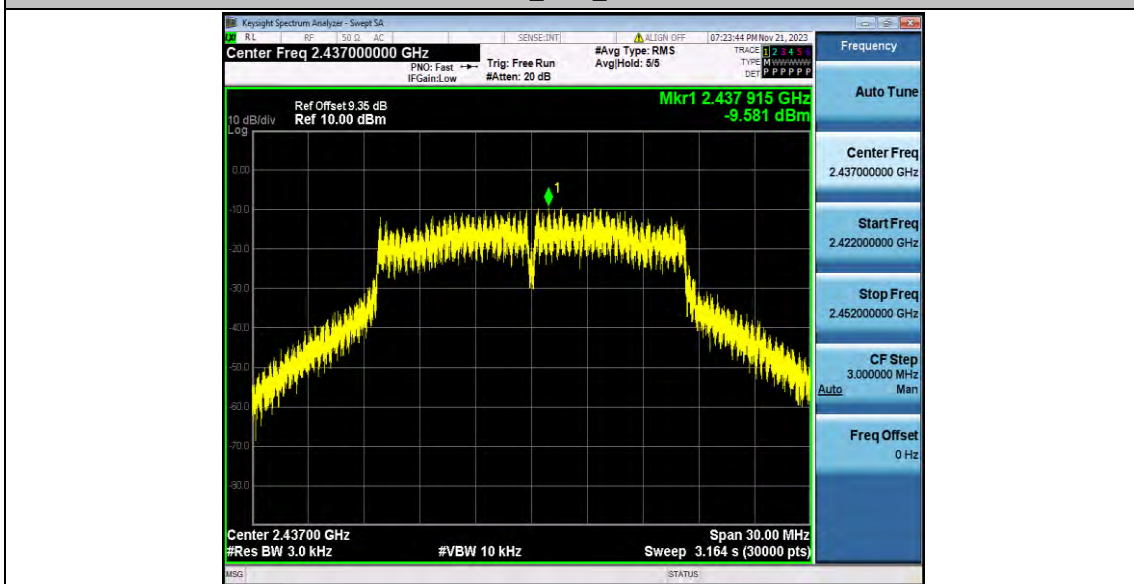
11B\_Ant2\_2437



11B\_Ant2\_2462

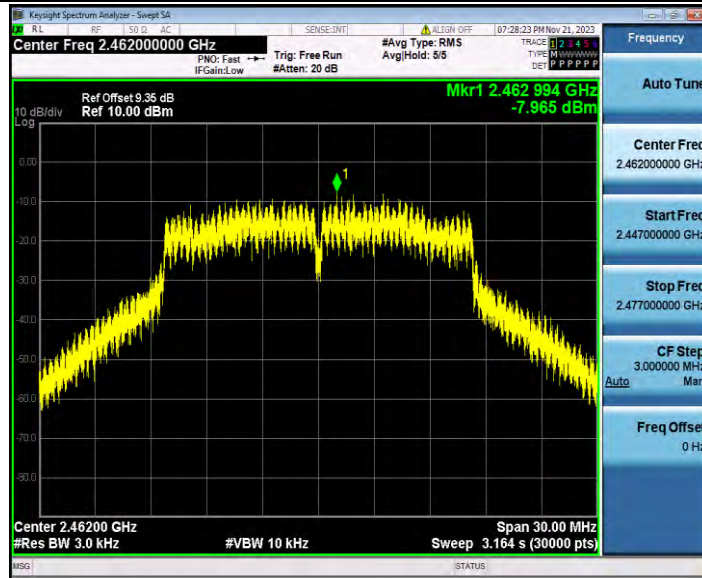


11G\_Ant2\_2412

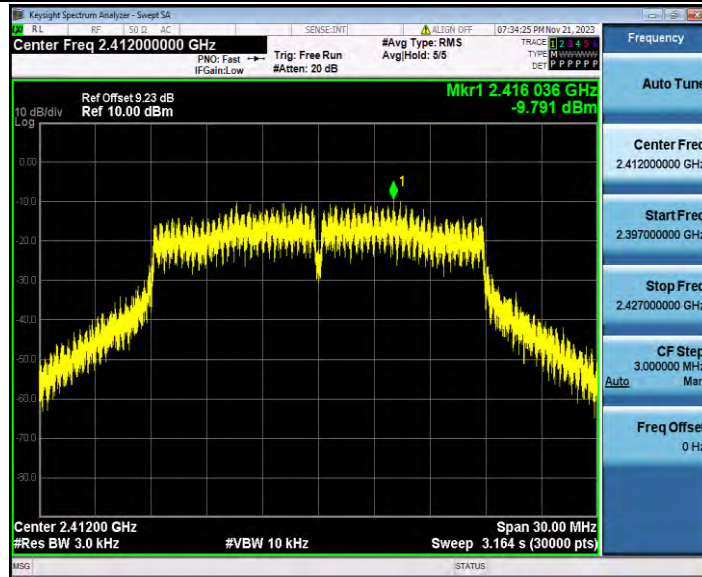




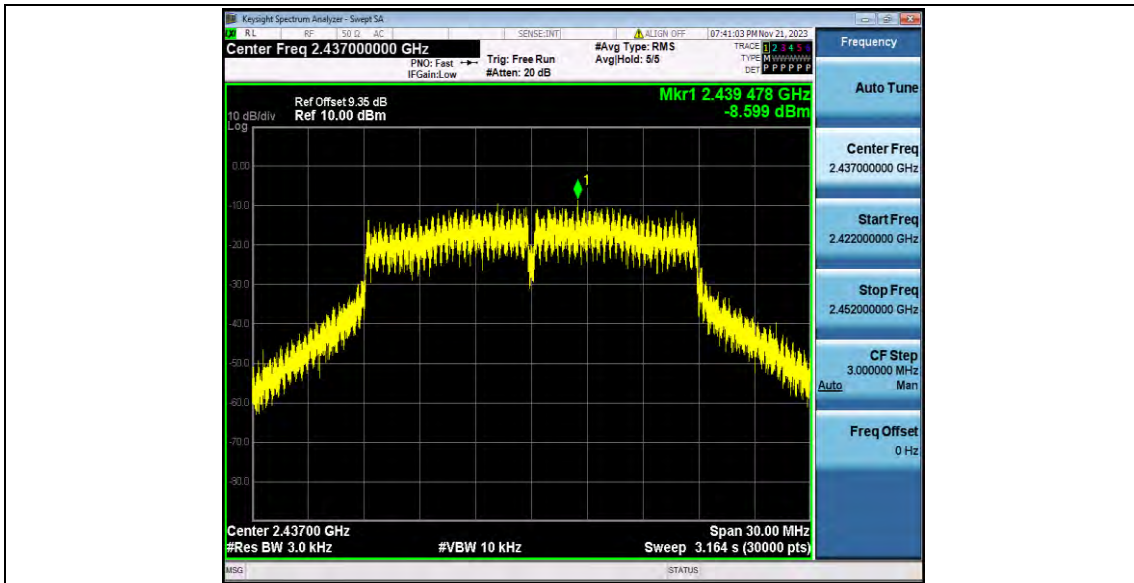
11G\_Ant2\_2437



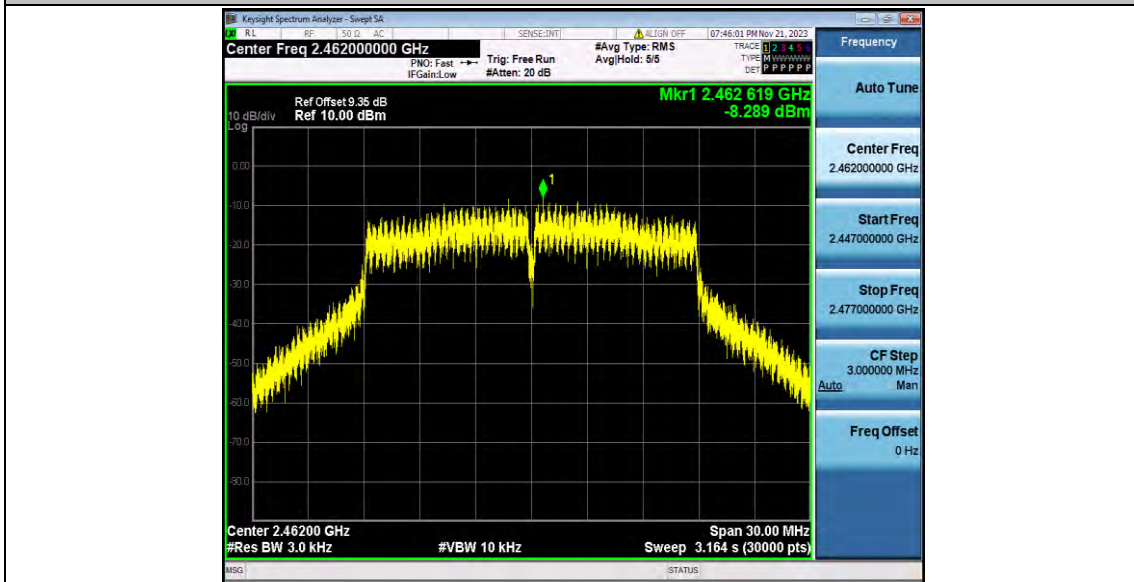
11G\_Ant2\_2462



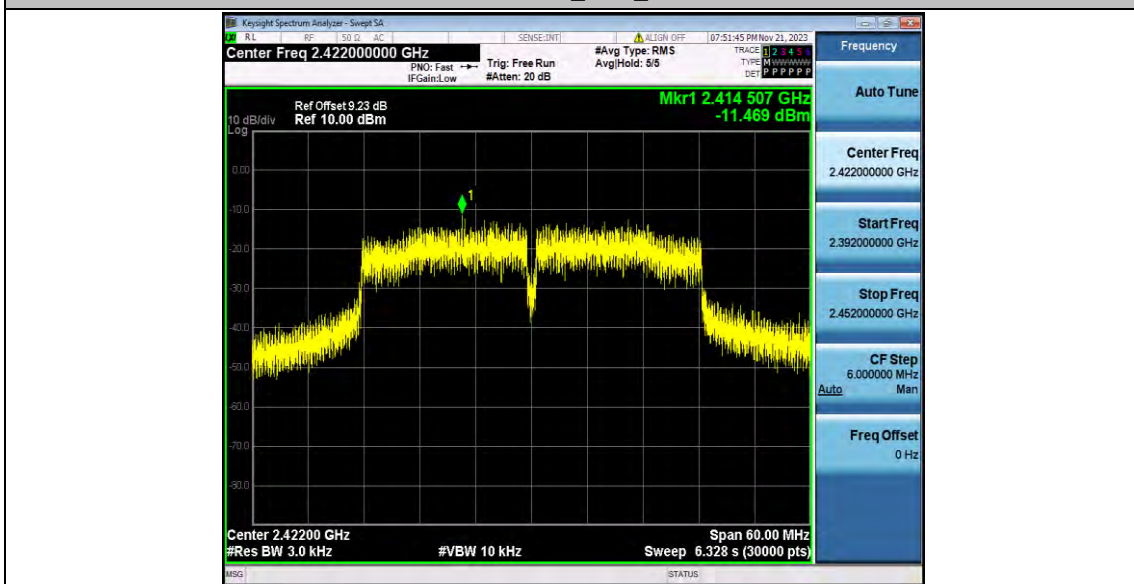
11N20SISO\_Ant2\_2412



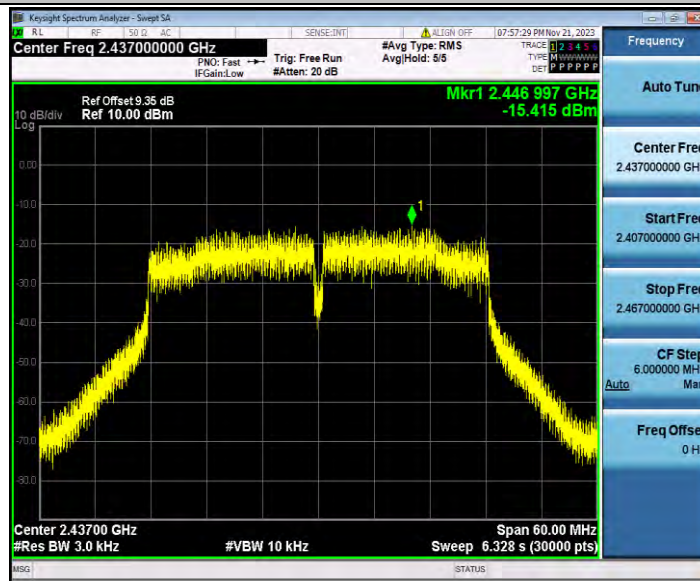
11N20SISO\_Ant2\_2437



11N20SISO\_Ant2\_2462



11N40SISO\_Ant2\_2422



11N40SISO\_Ant2\_2437



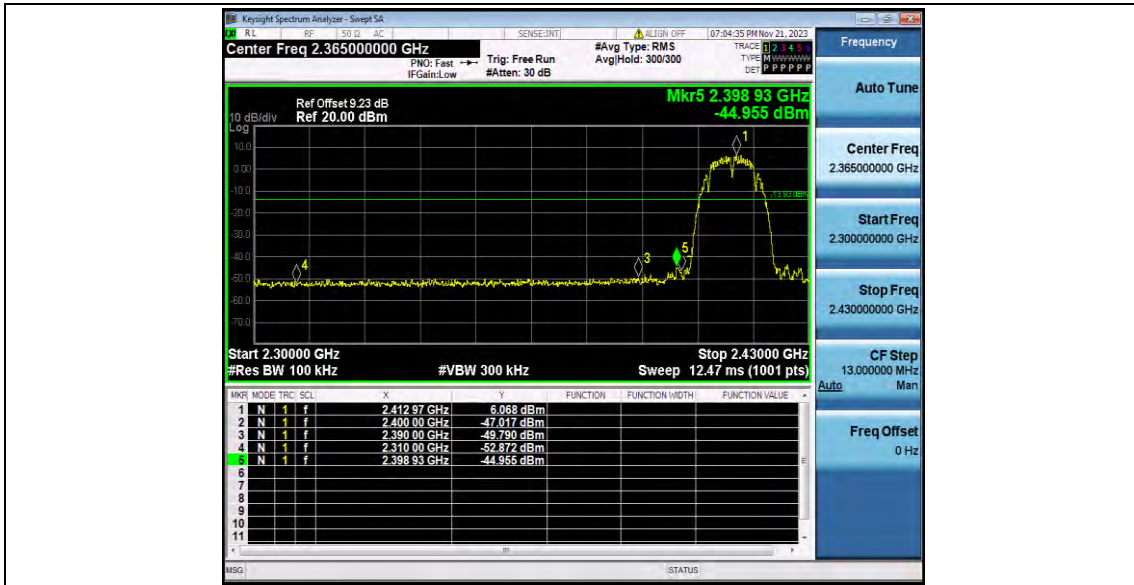
11N40SISO\_Ant2\_2452

## Appendix C.5: Band edge measurements

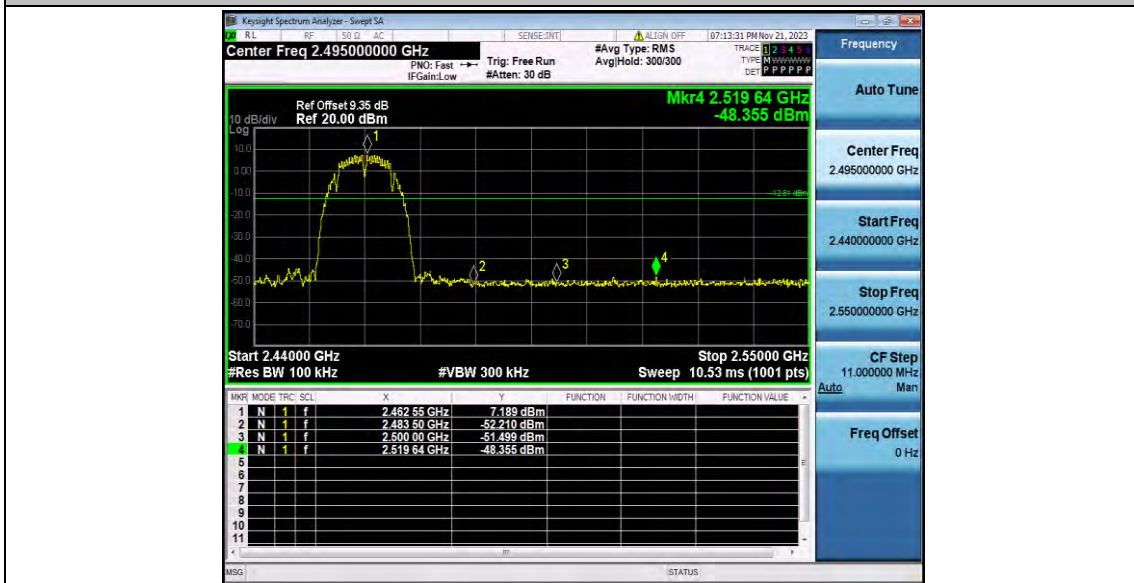
### Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	6.07	-44.96	≤-13.93	PASS
		High	2462	7.19	-48.36	≤-12.81	PASS
11G	Ant2	Low	2412	5.30	-24.12	≤-14.7	PASS
		High	2462	6.58	-44.01	≤-13.42	PASS
11N20SISO	Ant2	Low	2412	5.39	-23.83	≤-14.61	PASS
		High	2462	6.59	-42.02	≤-13.42	PASS
11N40SISO	Ant2	Low	2422	2.42	-20.6	≤-17.58	PASS
		High	2452	0.02	-40.38	≤-19.98	PASS

## Test Graphs



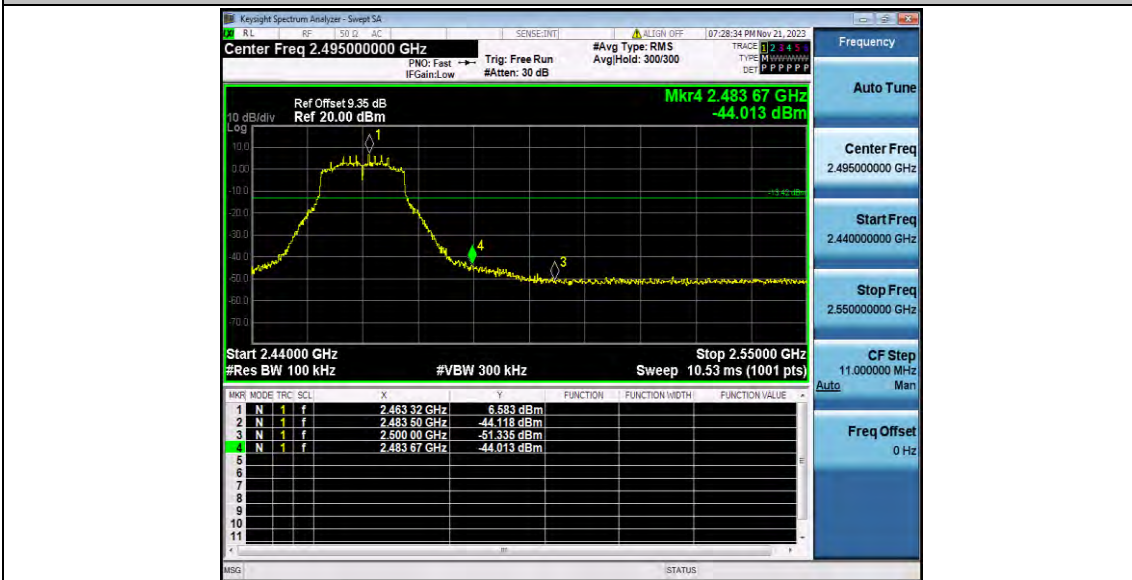
11B\_Ant2\_Low\_2412



11B\_Ant2\_High\_2462



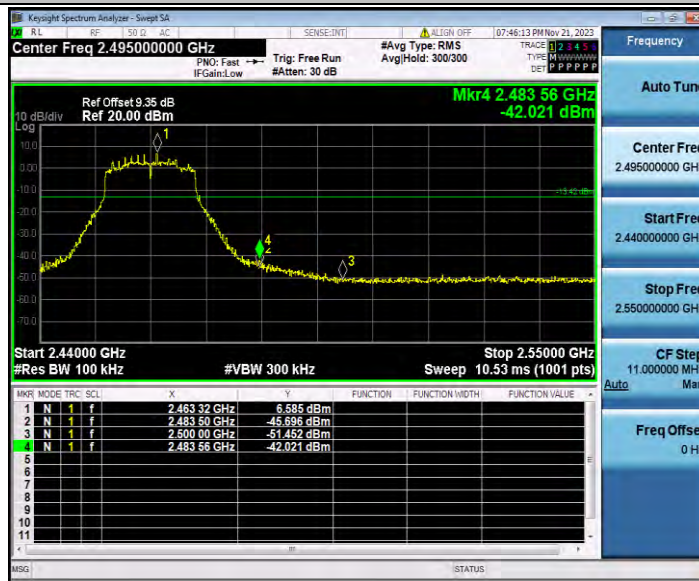
11G\_Ant2\_Low\_2412



11G\_Ant2\_High\_2462



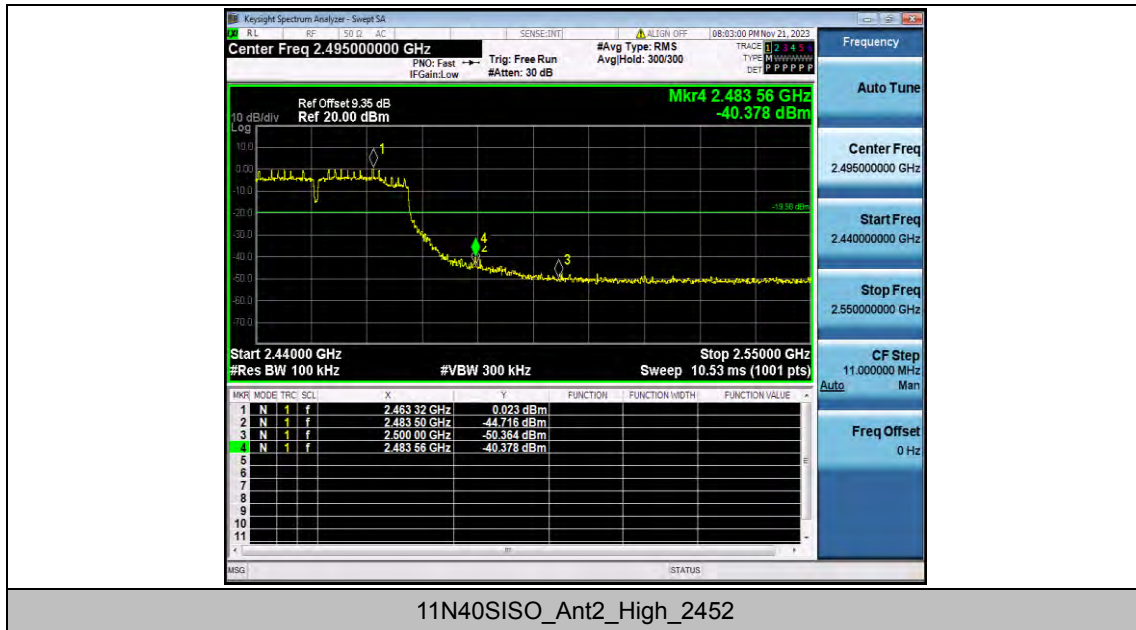
11N20SISO\_Ant2\_Low\_2412



11N20SISO\_Ant2\_High\_2462



11N40SISO\_Ant2\_Low\_2422



11N40SISO\_Ant2\_High\_2452



## Appendix C.6: Conducted Spurious Emission

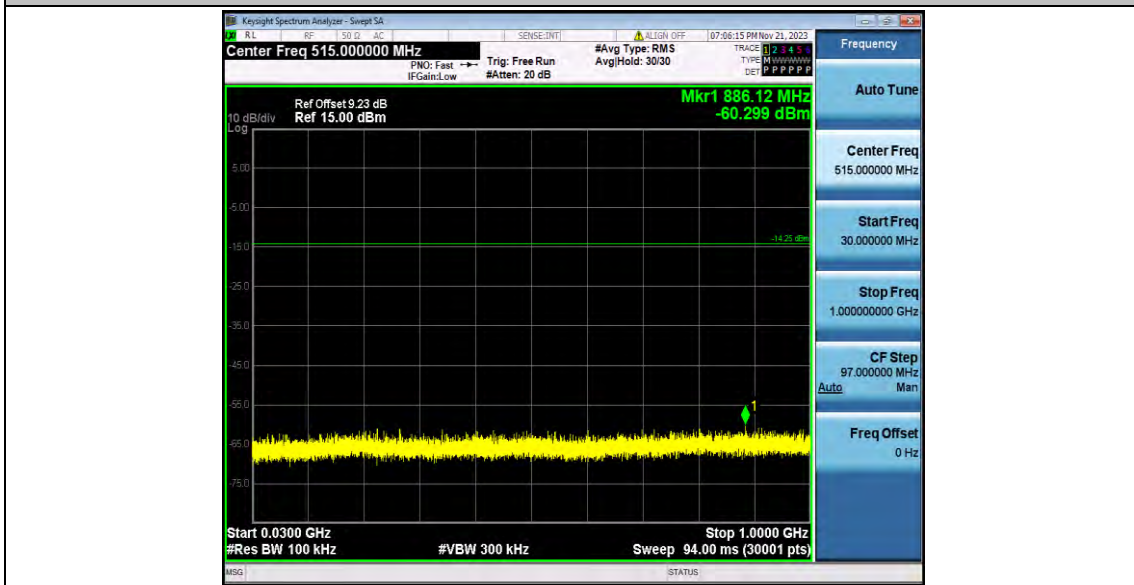
### Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	5.75	5.75	---	PASS
			30~1000	5.75	-60.3	≤-14.25	PASS
			1000~26500	5.75	-47.66	≤-14.25	PASS
		2437	Reference	4.94	4.94	---	PASS
			30~1000	4.94	-60.92	≤-15.06	PASS
			1000~26500	4.94	-47.51	≤-15.06	PASS
		2462	Reference	6.12	6.12	---	PASS
			30~1000	6.12	-60.57	≤-13.88	PASS
			1000~26500	6.12	-47.74	≤-13.88	PASS
11G	Ant2	2412	Reference	1.21	1.21	---	PASS
			30~1000	1.21	-60.31	≤-18.79	PASS
			1000~26500	1.21	-47.68	≤-18.79	PASS
		2437	Reference	3.56	3.56	---	PASS
			30~1000	3.56	-60.29	≤-16.44	PASS
			1000~26500	3.56	-46.33	≤-16.44	PASS
		2462	Reference	5.48	5.48	---	PASS
			30~1000	5.48	-59.85	≤-14.52	PASS
			1000~26500	5.48	-47.53	≤-14.52	PASS
11N20SISO	Ant2	2412	Reference	4.45	4.45	---	PASS
			30~1000	4.45	-60.52	≤-15.55	PASS
			1000~26500	4.45	-47.5	≤-15.55	PASS
		2437	Reference	4.22	4.22	---	PASS
			30~1000	4.22	-60.38	≤-15.78	PASS
			1000~26500	4.22	-46.85	≤-15.78	PASS
		2462	Reference	4.18	4.18	---	PASS
			30~1000	4.18	-60.43	≤-15.82	PASS
			1000~26500	4.18	-46.79	≤-15.82	PASS
11N40SISO	Ant2	2422	Reference	-2.23	-2.23	---	PASS
			30~1000	-2.23	-60.65	≤-22.23	PASS
			1000~26500	-2.23	-46.84	≤-22.23	PASS
		2437	Reference	-1.52	-1.52	---	PASS
			30~1000	-1.52	-60.43	≤-21.52	PASS
			1000~26500	-1.52	-47.53	≤-21.52	PASS
		2452	Reference	-0.37	-0.37	---	PASS
			30~1000	-0.37	-60.06	≤-20.37	PASS
			1000~26500	-0.37	-47.37	≤-20.37	PASS

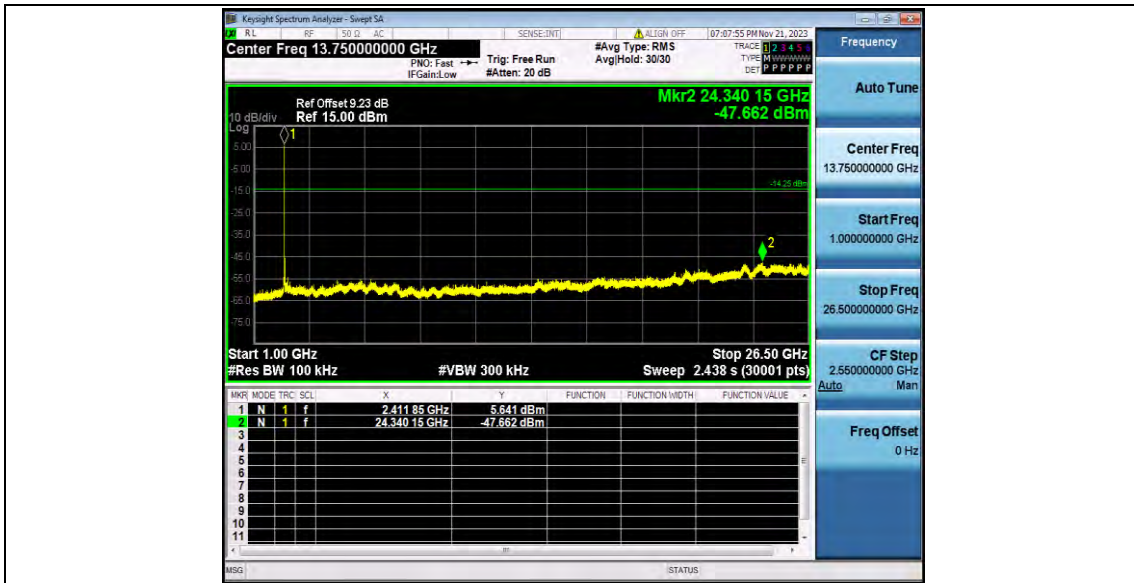
## Test Graphs



11B\_Ant2\_2412\_0~Reference



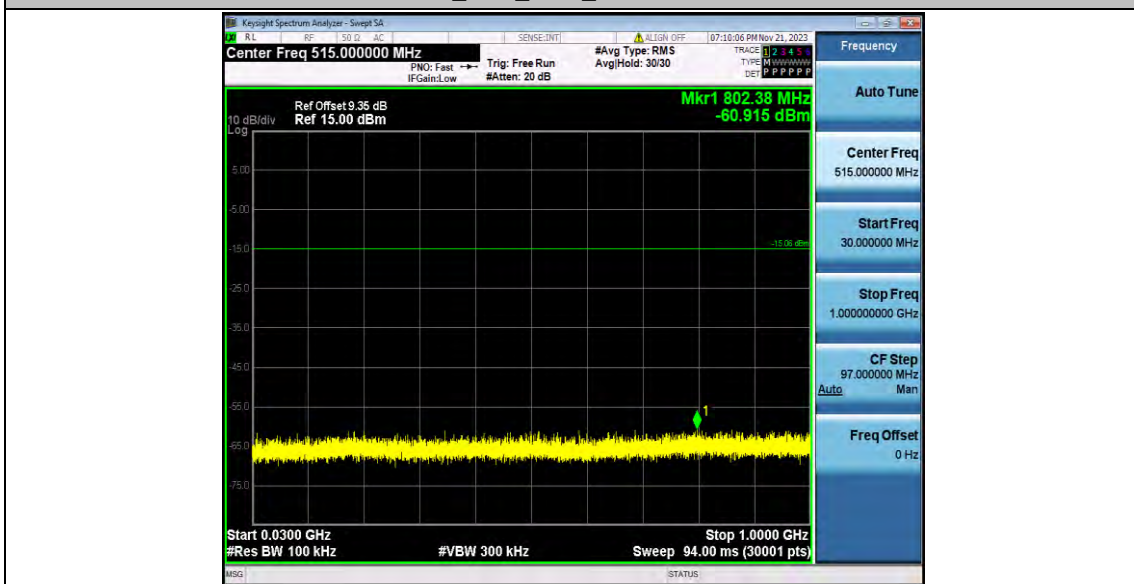
11B\_Ant2\_2412\_30~1000



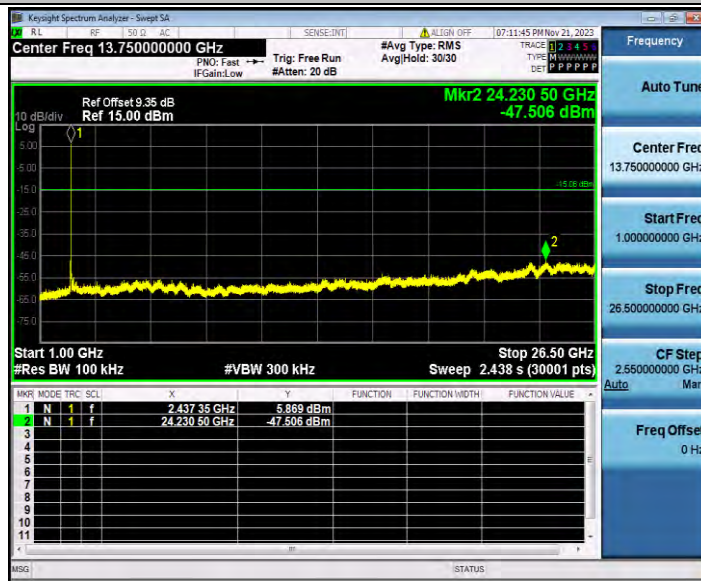
11B\_Ant2\_2412\_1000~26500



11B\_Ant2\_2437\_0~Reference



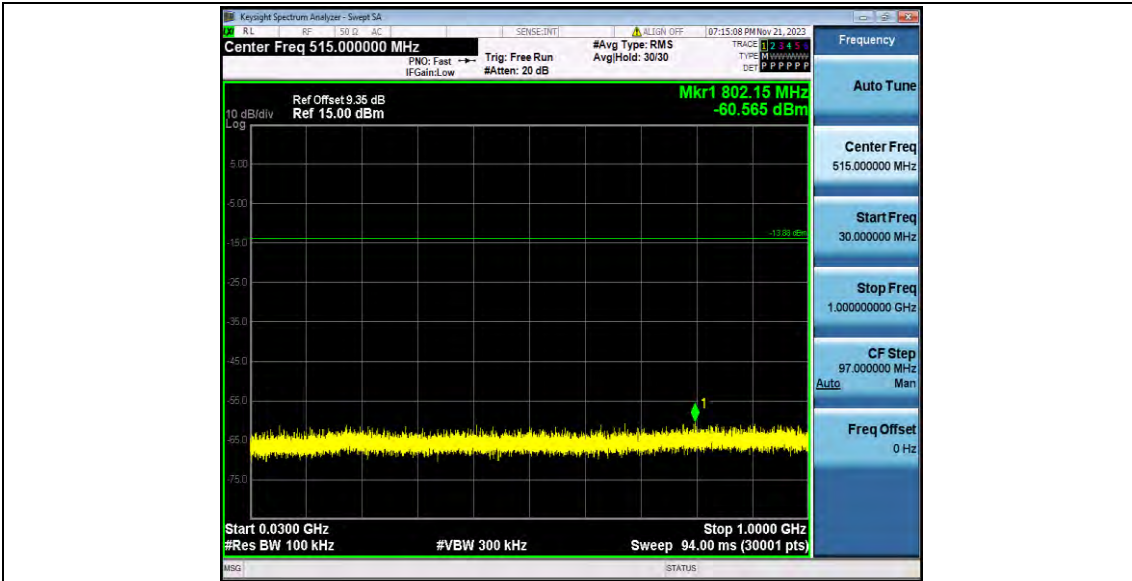
11B\_Ant2\_2437\_30~1000



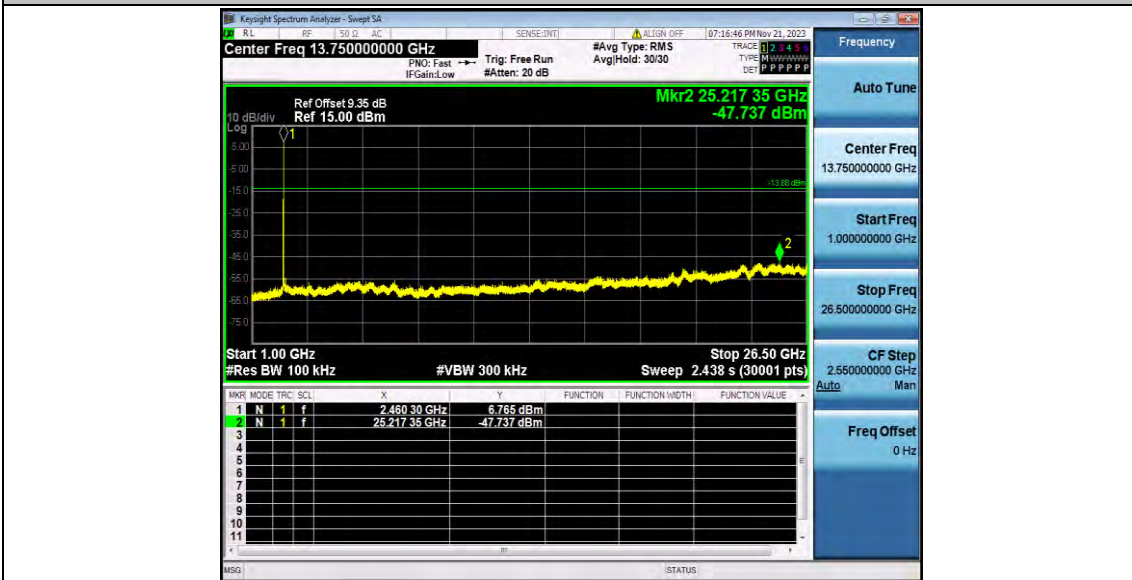
11B\_Ant2\_2437\_1000~26500



11B\_Ant2\_2462\_0~Reference



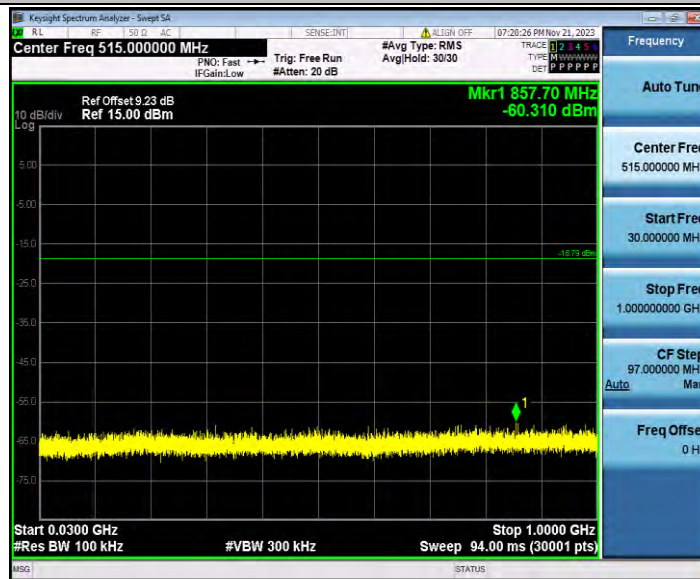
11B\_Ant2\_2462\_30~1000



11B\_Ant2\_2462\_1000~26500



11G\_Ant2\_2412\_0~Reference



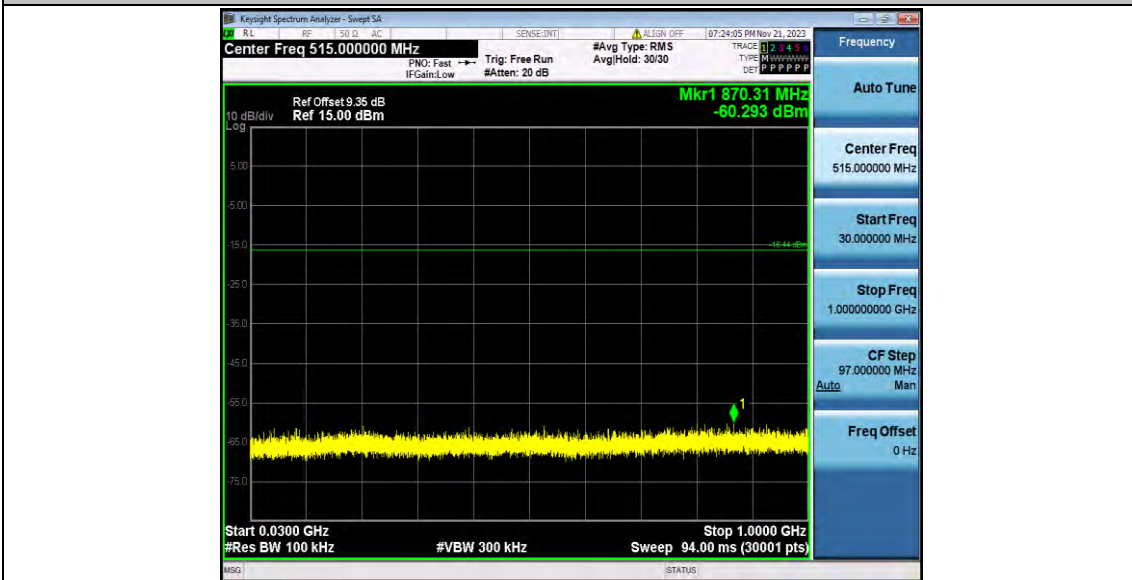
11G\_Ant2\_2412\_30~1000



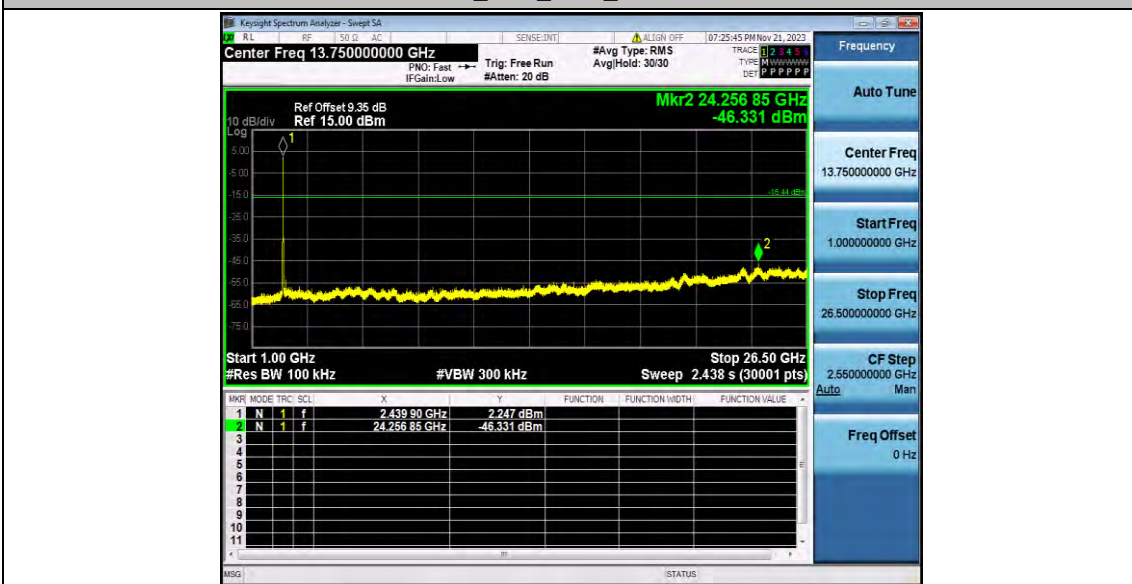
11G\_Ant2\_2412\_1000~26500



11G\_Ant2\_2437\_0~Reference



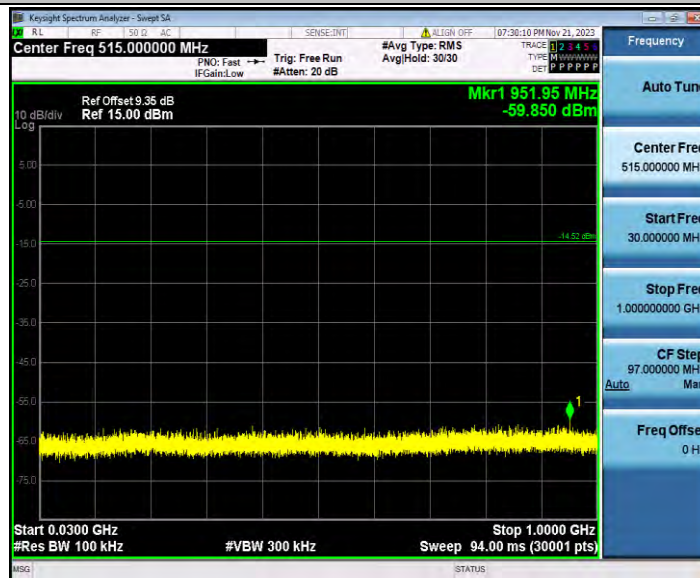
11G\_Ant2\_2437\_30~1000



11G\_Ant2\_2437\_1000~26500

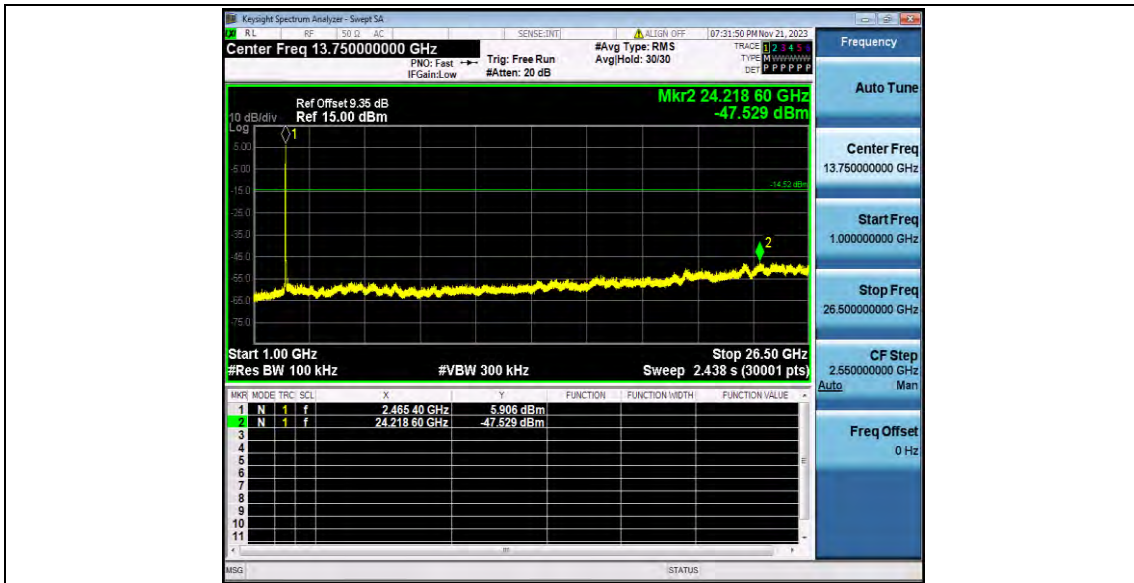


11G\_Ant2\_2462\_0~Reference

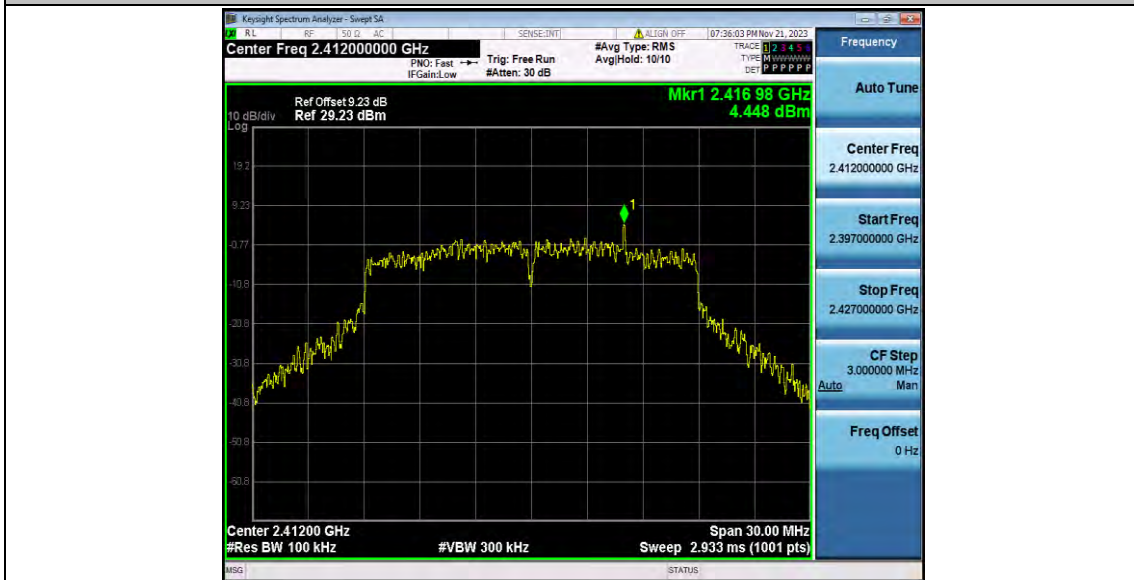


11G\_Ant2\_2462\_30~1000

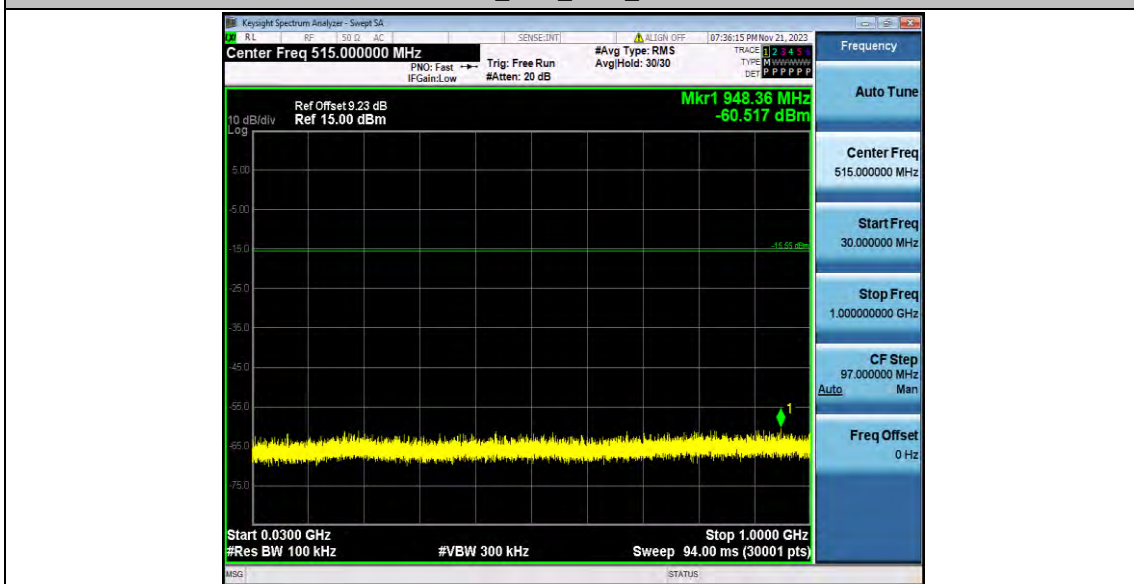




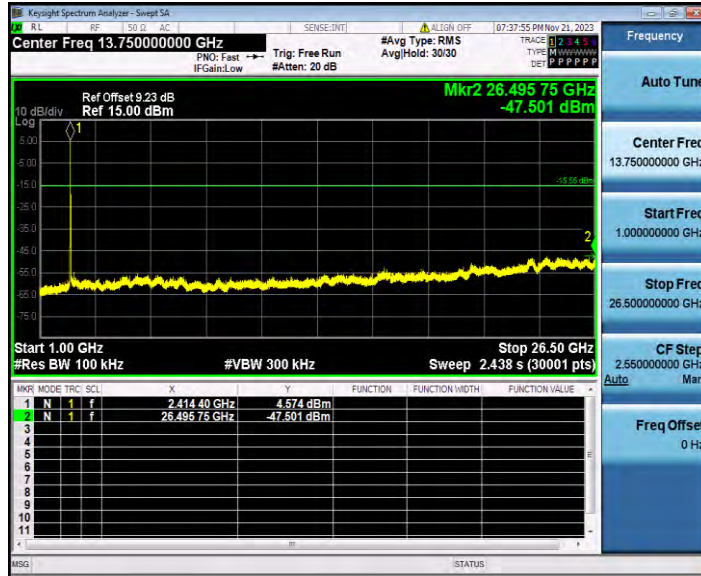
11G\_Ant2\_2462\_1000~26500



11N20SISO\_Ant2\_2412\_0~Reference



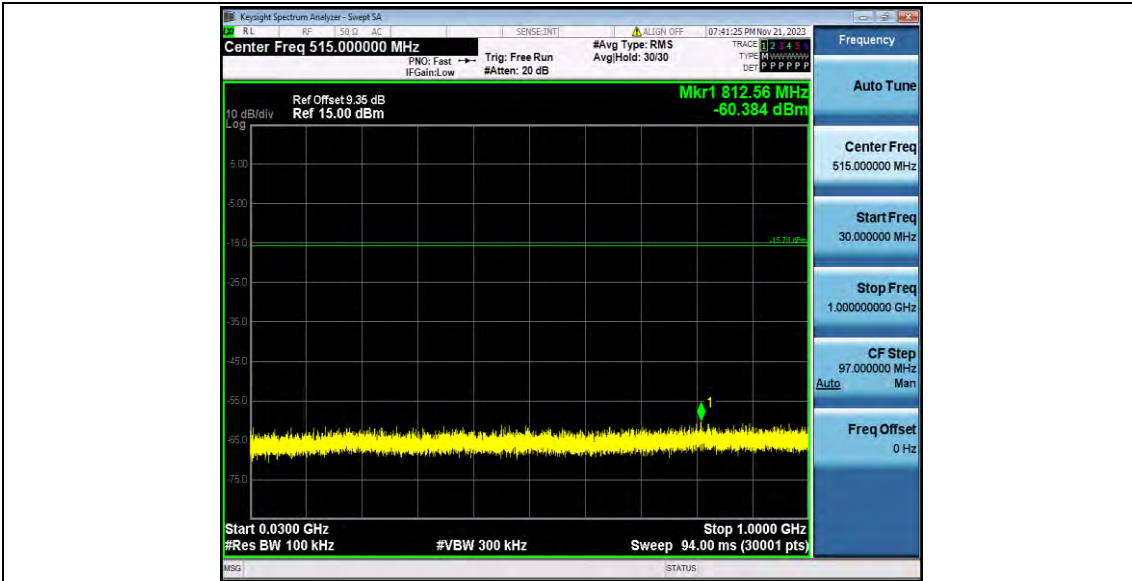
11N20SISO\_Ant2\_2412\_30~1000



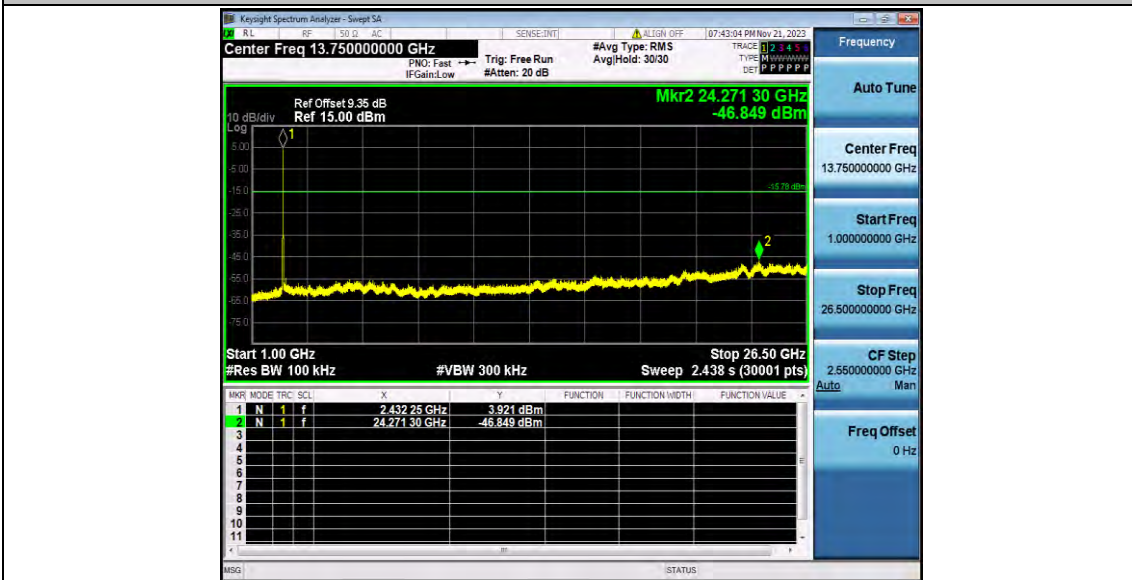
11N20SISO\_Ant2\_2412\_1000~26500



11N20SISO\_Ant2\_2437\_0~Reference



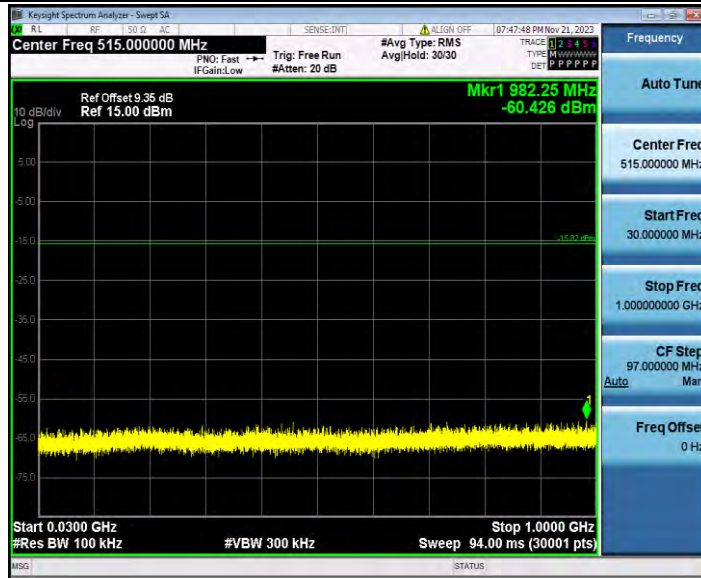
11N20SISO\_Ant2\_2437\_30~1000



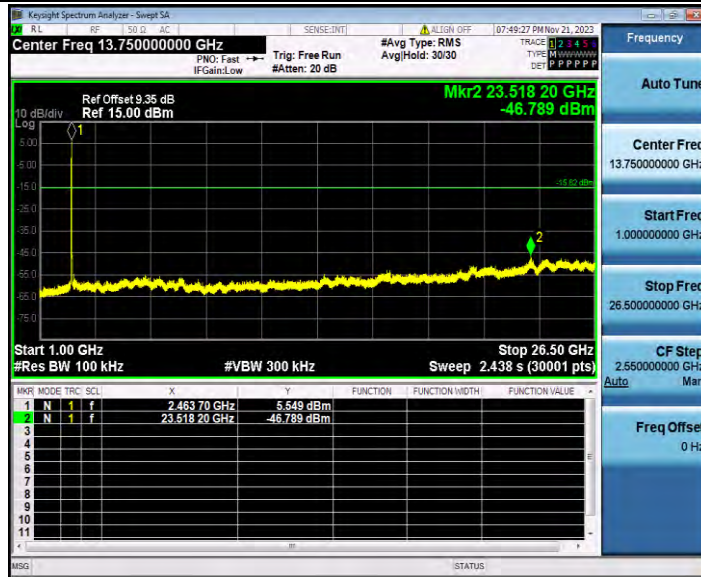
11N20SISO\_Ant2\_2437\_1000~26500



11N20SISO\_Ant2\_2462\_0~Reference



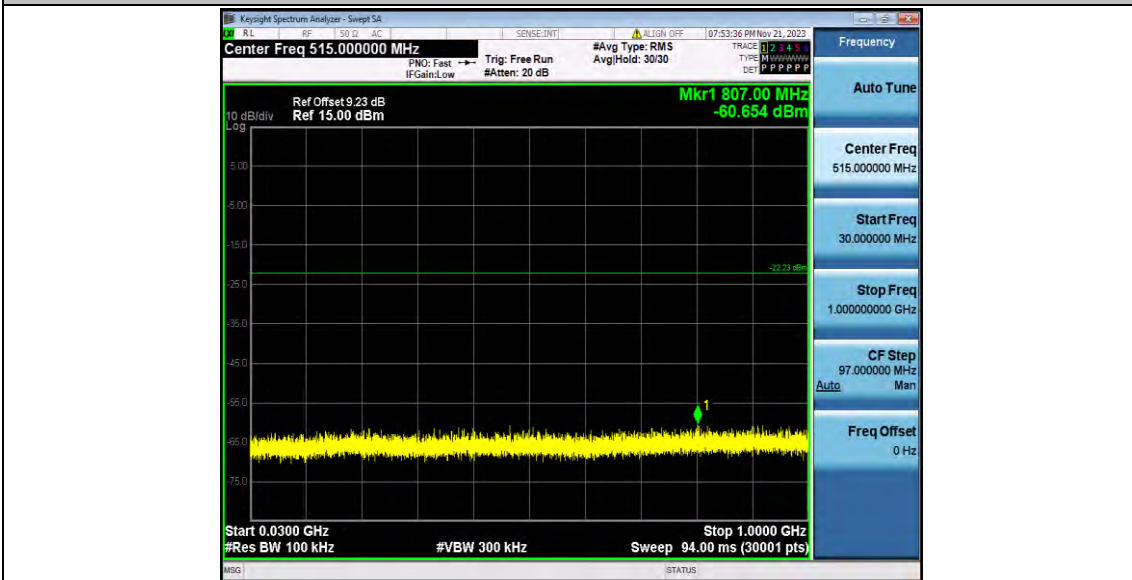
11N20SISO\_Ant2\_2462\_30~1000



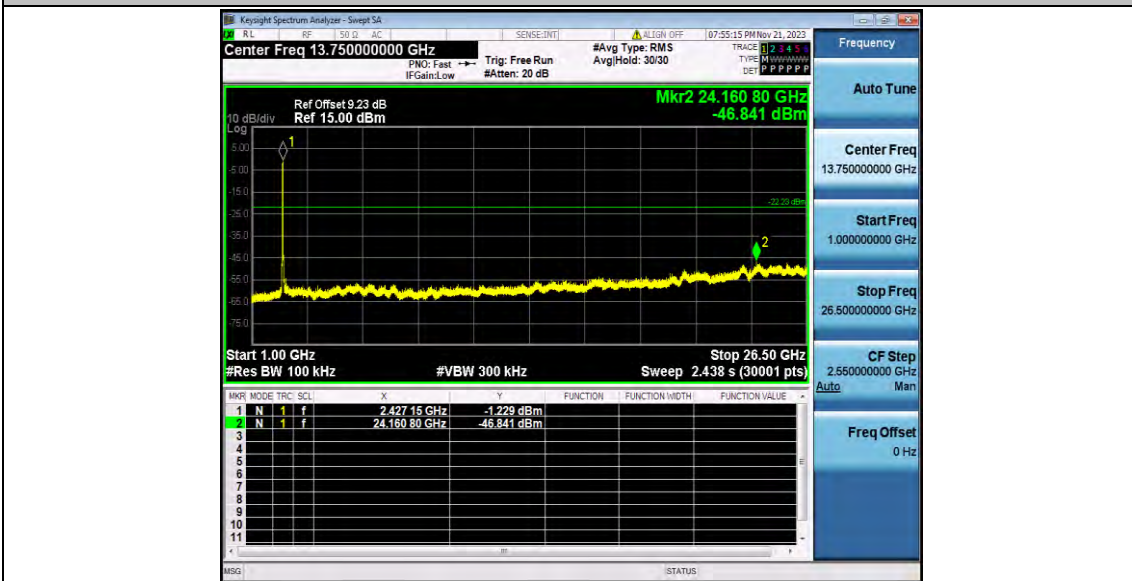
11N20SISO\_Ant2\_2462\_1000~26500



11N40SISO\_Ant2\_2422\_0-Reference



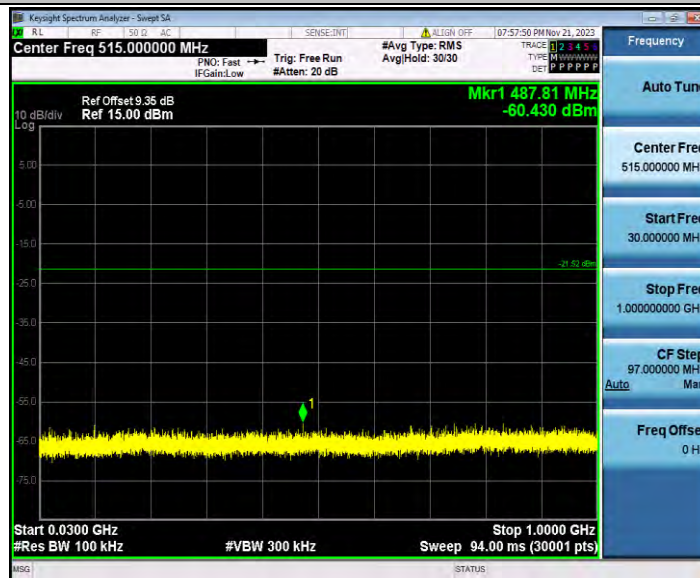
11N40SISO\_Ant2\_2422\_30~1000



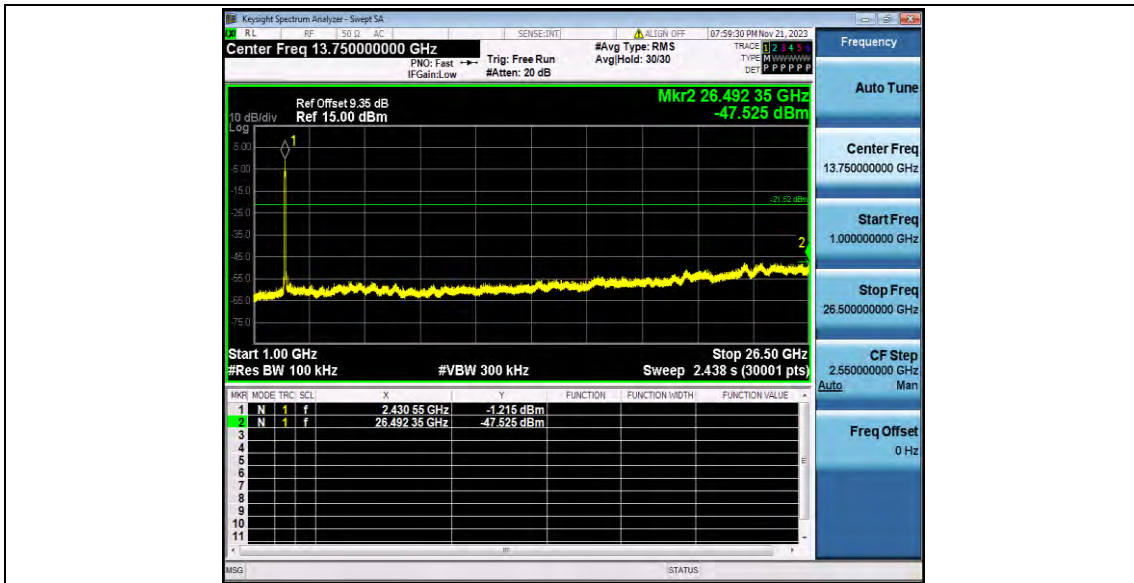
11N40SISO\_Ant2\_2422\_1000~26500



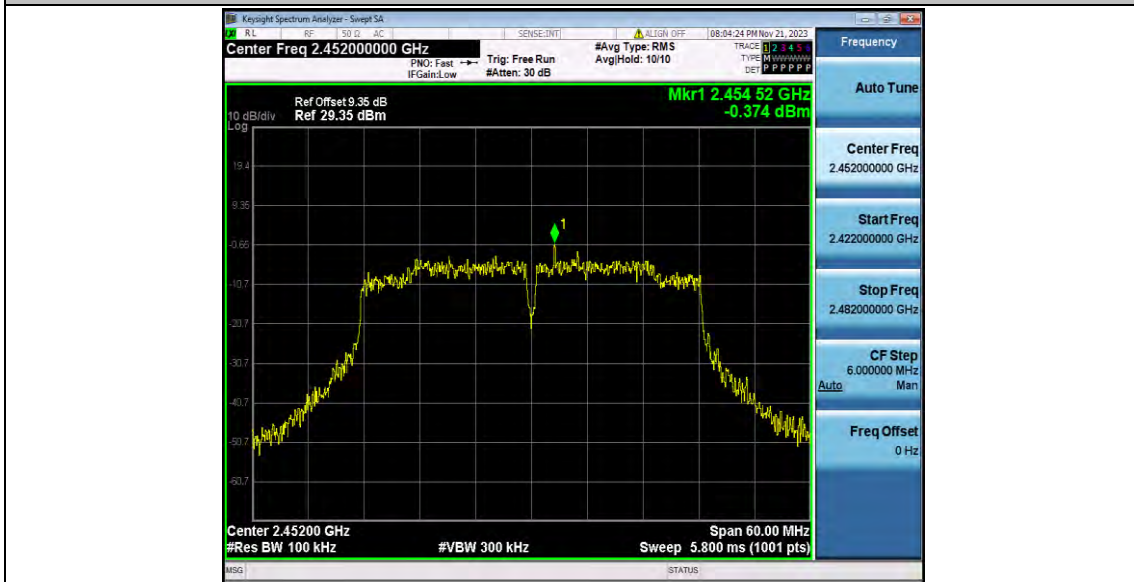
11N40SISO\_Ant2\_2437\_0~Reference



11N40SISO\_Ant2\_2437\_30~1000



11N40SISO\_Ant2\_2437\_1000~26500



11N40SISO\_Ant2\_2452\_0~Reference

