

## Appendix Test Data for WLAN(2.4G) (Conducted Measurement)

Product Name: WUUK Wired Cam Pro v2

Trade Mark: WUUK

Test Model: Y0910

FCC ID: 2AWHY-Y0910

### Environmental Conditions

Temperature:	24.6℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

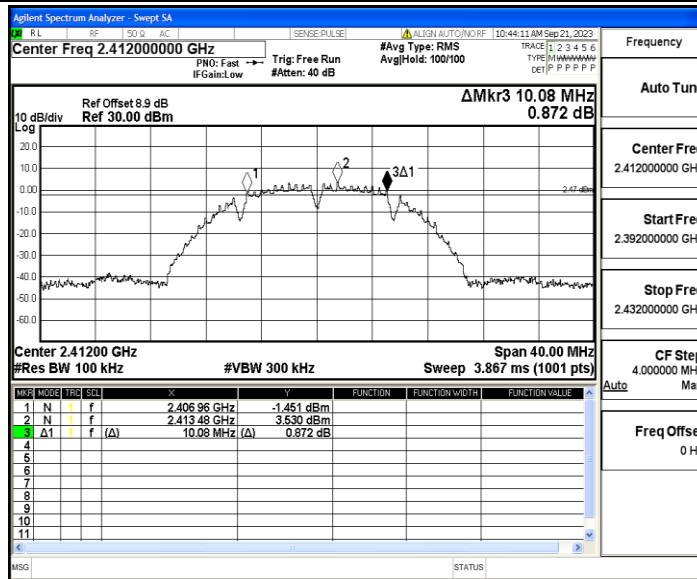
## Appendix A: DTS Bandwidth

### Test Result

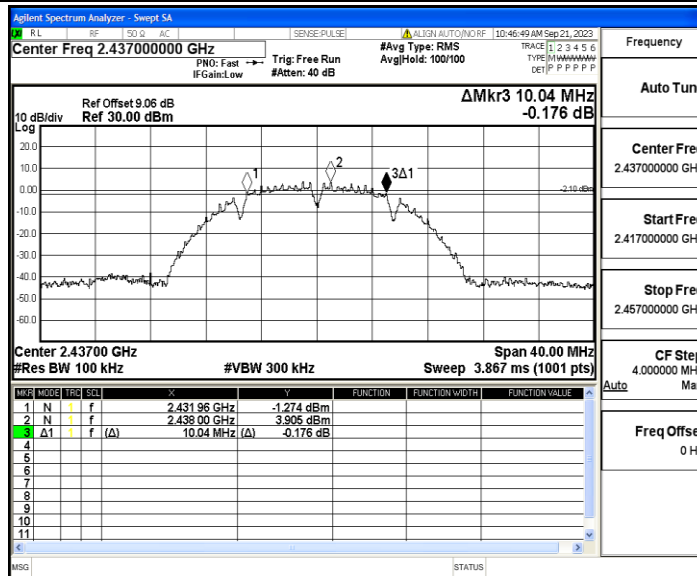
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.040	2431.960	2442.000	0.5	PASS
		2462	10.040	2457.000	2467.040	0.5	PASS
11G	Ant1	2412	16.280	2403.880	2420.160	0.5	PASS
		2437	15.920	2428.840	2444.760	0.5	PASS
		2462	15.400	2454.480	2469.880	0.5	PASS
11N20SISO	Ant1	2412	16.880	2403.840	2420.720	0.5	PASS
		2437	15.680	2428.880	2444.560	0.5	PASS
		2462	16.520	2454.240	2470.760	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
		2437	35.360	2419.160	2454.520	0.5	PASS
		2452	35.760	2433.840	2469.600	0.5	PASS

Test Graphs

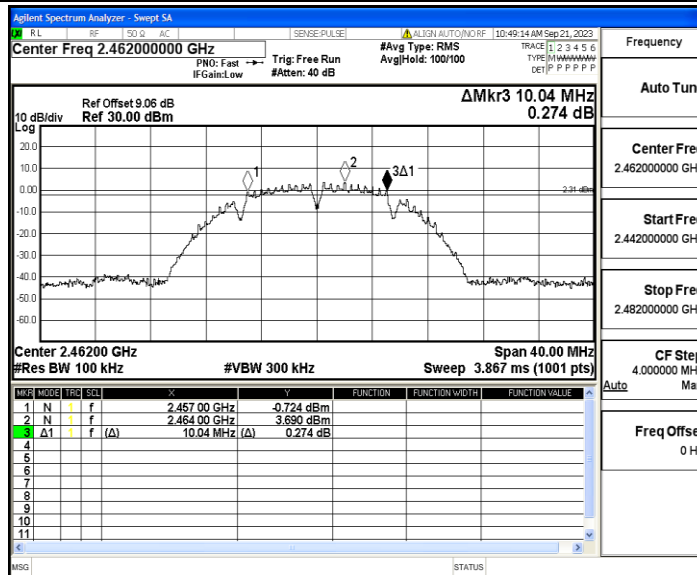
11B\_Ant1\_2412



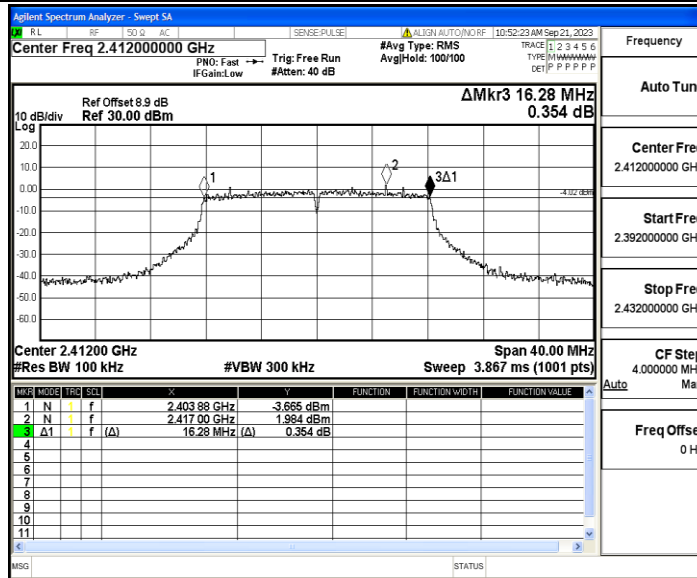
11B\_Ant1\_2437



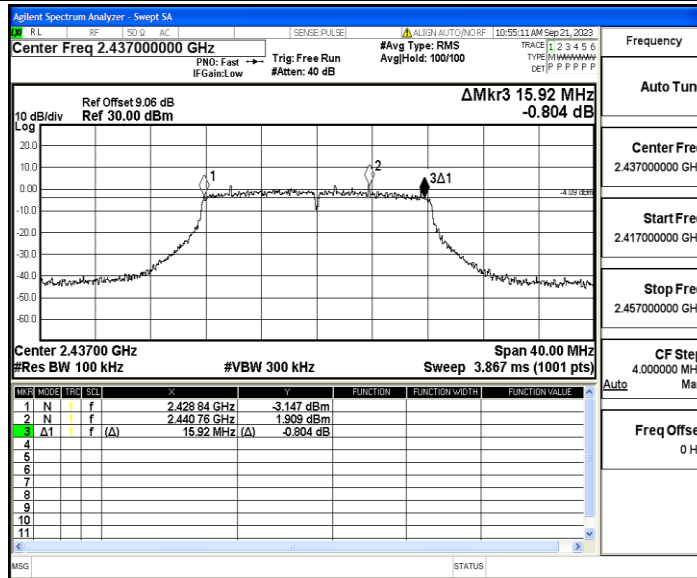
11B\_Ant1\_2462



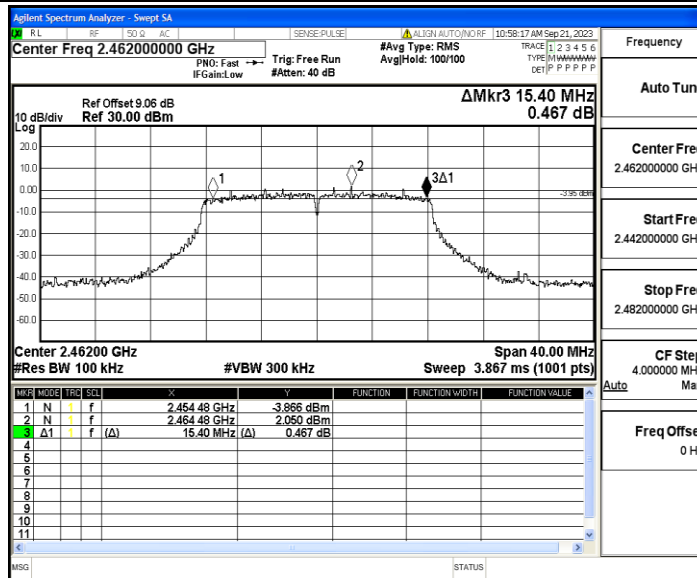
11G\_Ant1\_2412



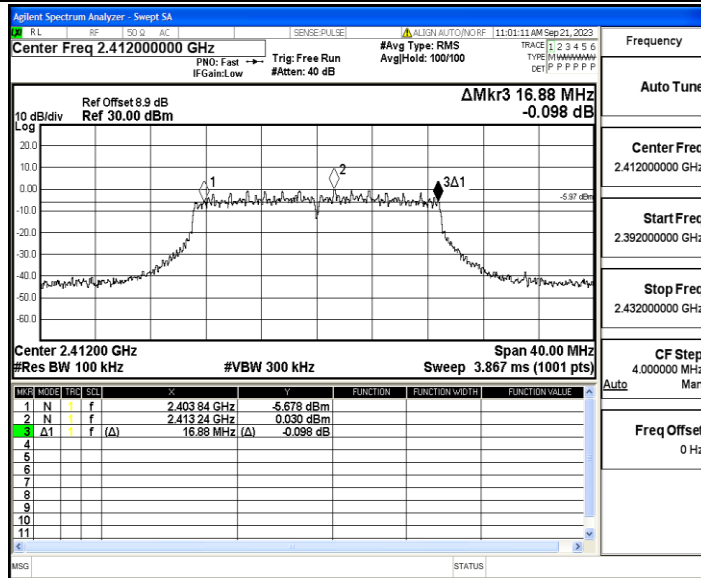
11G\_Ant1\_2437



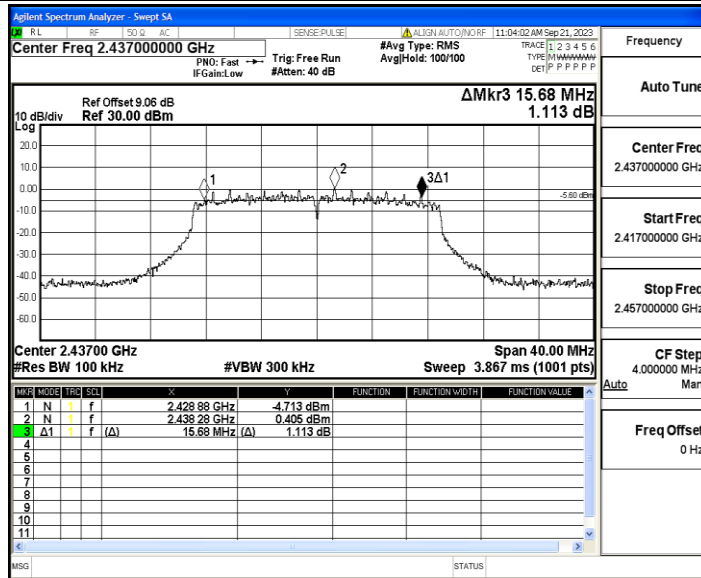
11G\_Ant1\_2462



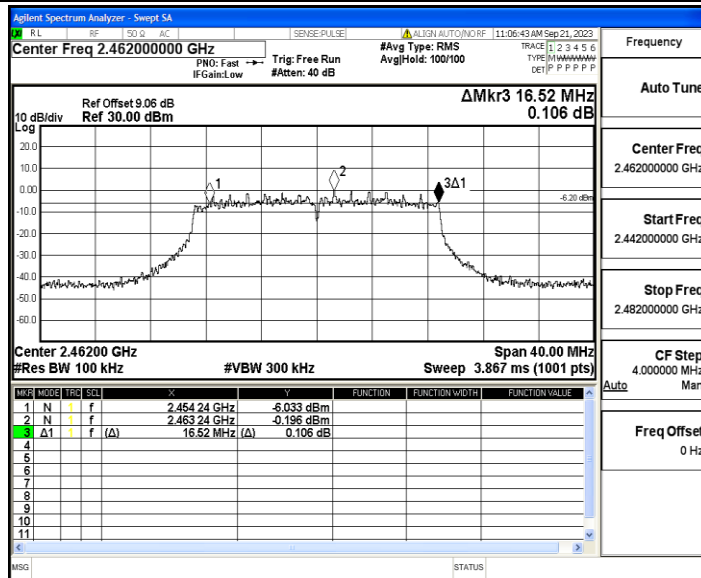
11N20SISO\_Ant1\_2412



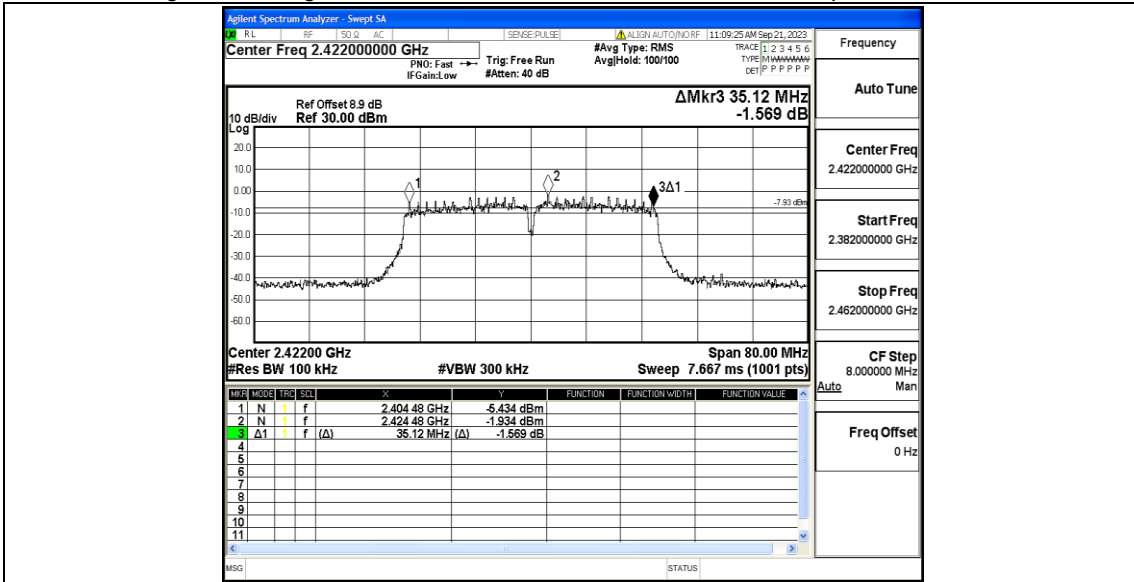
11N20SISO\_Ant1\_2437



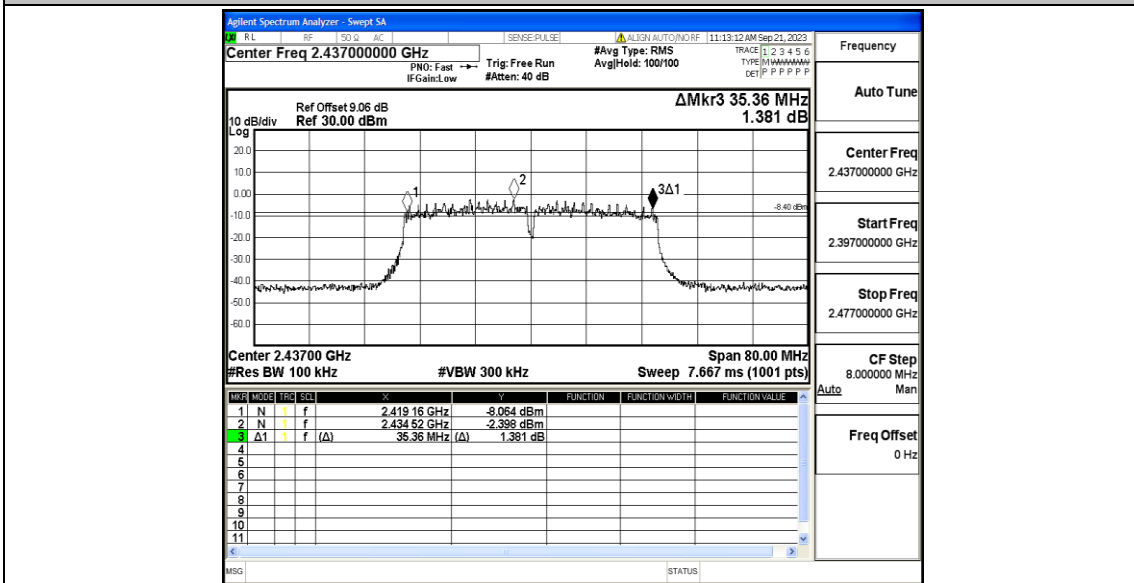
11N20SISO\_Ant1\_2462



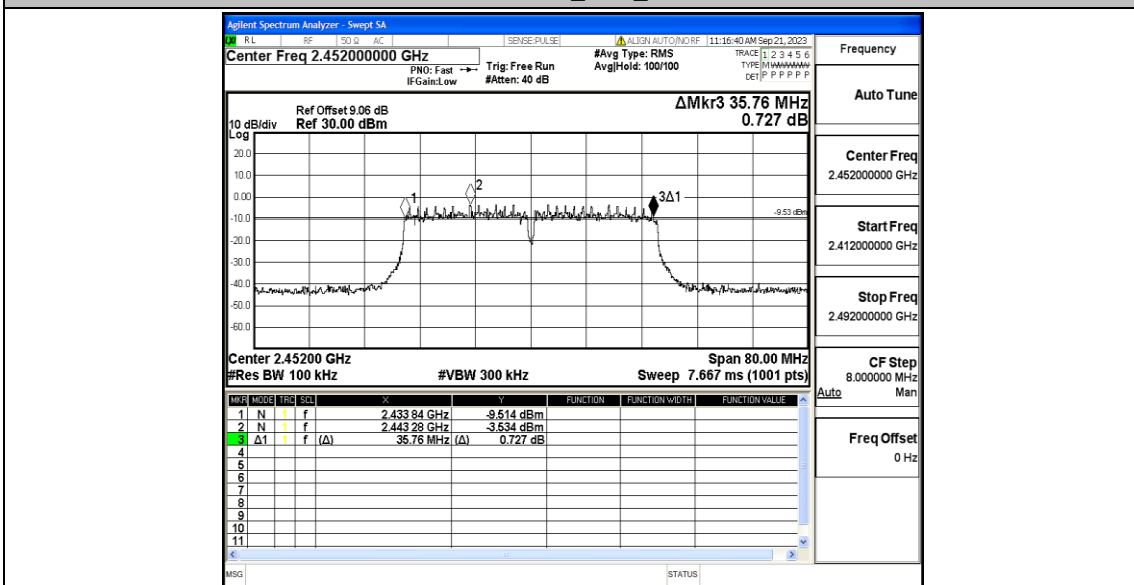
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

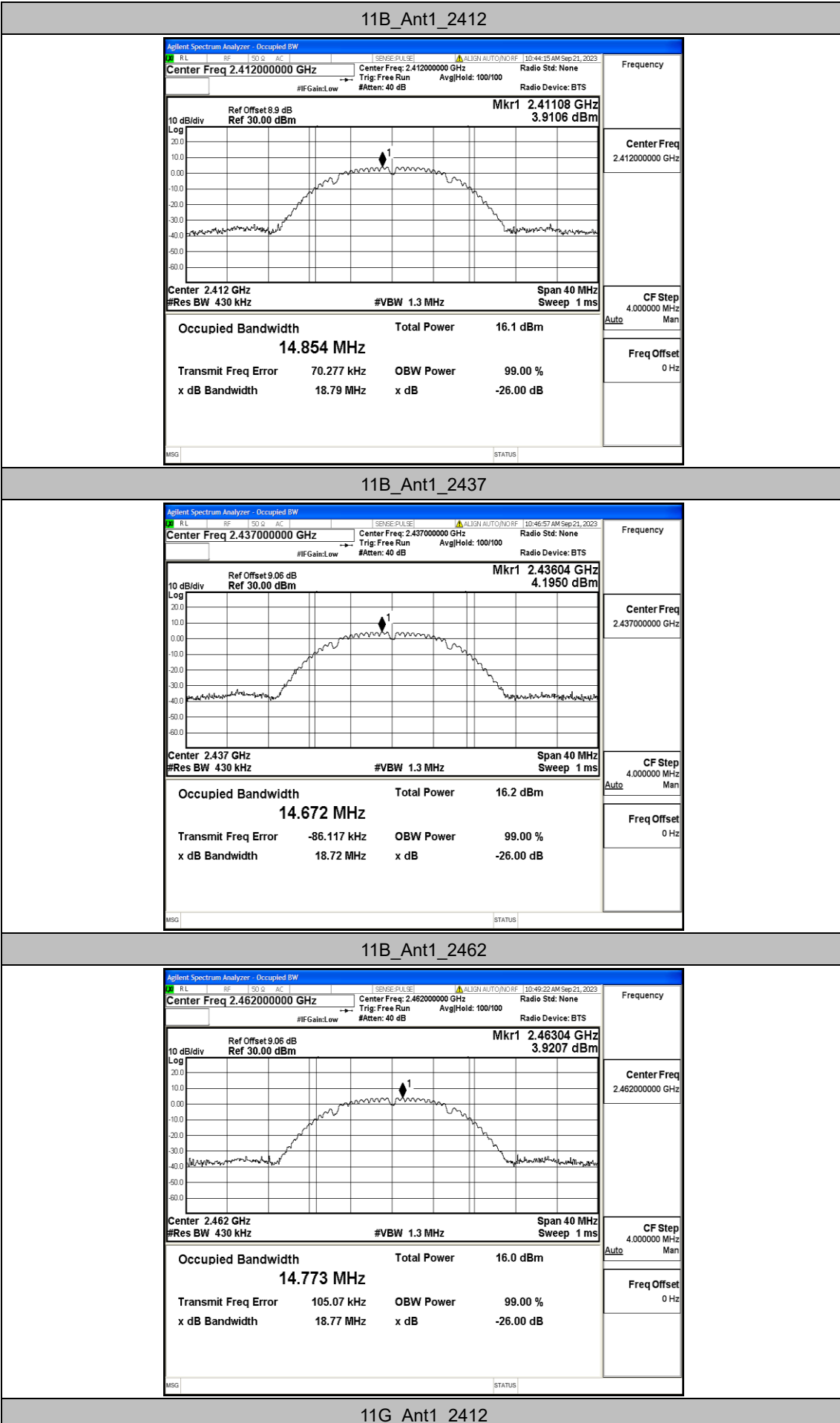


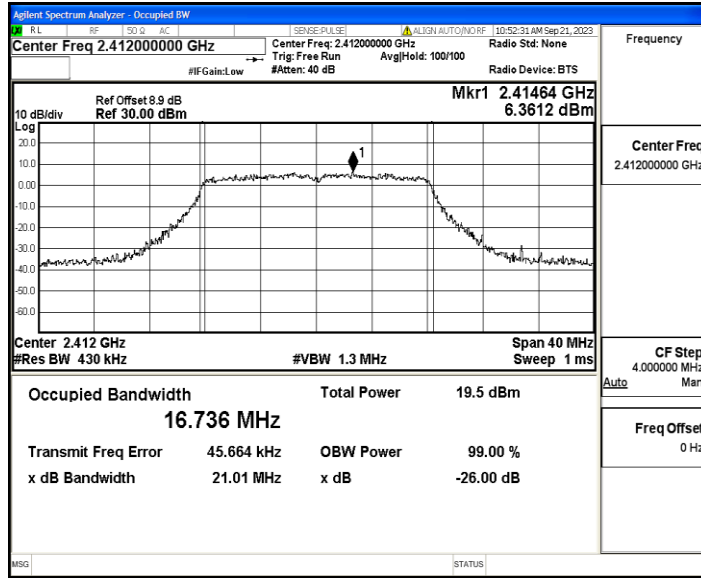
## Appendix B: Occupied Channel Bandwidth

### Test Result

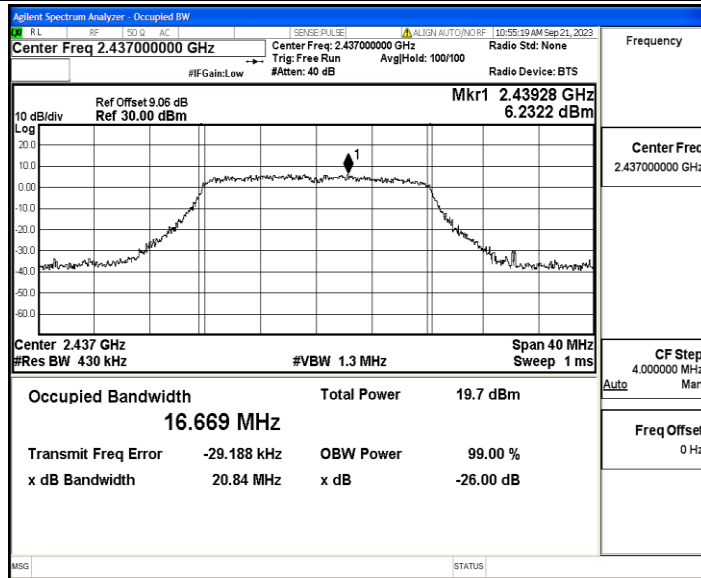
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.854	2404.6433	2419.4973	---	---
		2437	14.672	2429.5779	2444.2499	---	---
		2462	14.773	2454.7186	2469.4916	---	---
11G	Ant1	2412	16.736	2403.6777	2420.4137	---	---
		2437	16.669	2428.6363	2445.3053	---	---
		2462	16.726	2453.7325	2470.4585	---	---
11N20SISO	Ant1	2412	17.803	2403.1611	2420.9641	---	---
		2437	17.737	2428.1195	2445.8565	---	---
		2462	17.759	2453.1499	2470.9089	---	---
11N40SISO	Ant1	2422	36.254	2403.9766	2440.2306	---	---
		2437	36.154	2419.0028	2455.1568	---	---
		2452	36.216	2433.9110	2470.1270	---	---

Test Graphs

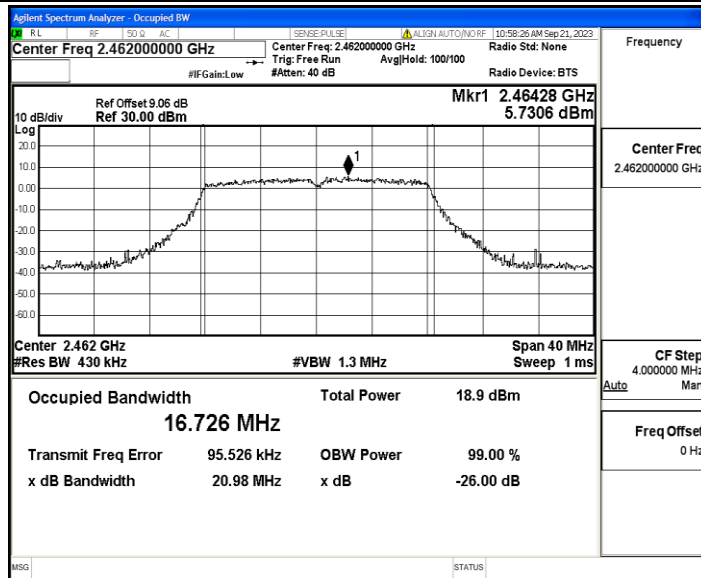




11G\_Ant1\_2437

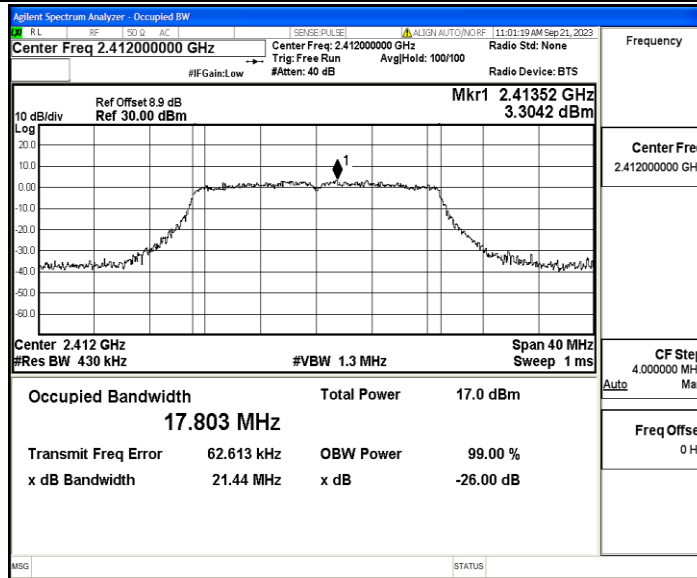


11G\_Ant1\_2462

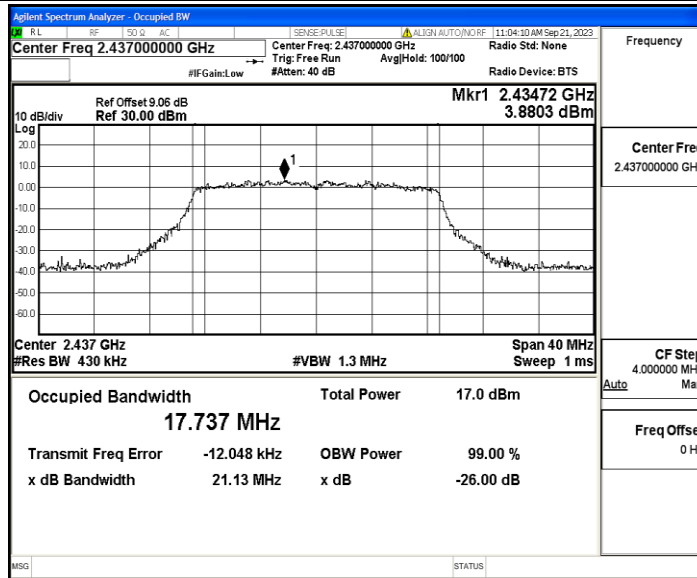


11N20SISO\_Ant1\_2412

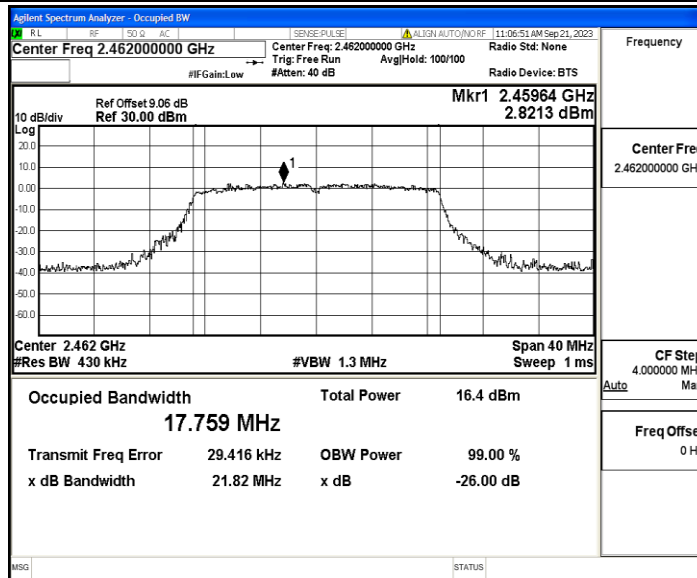




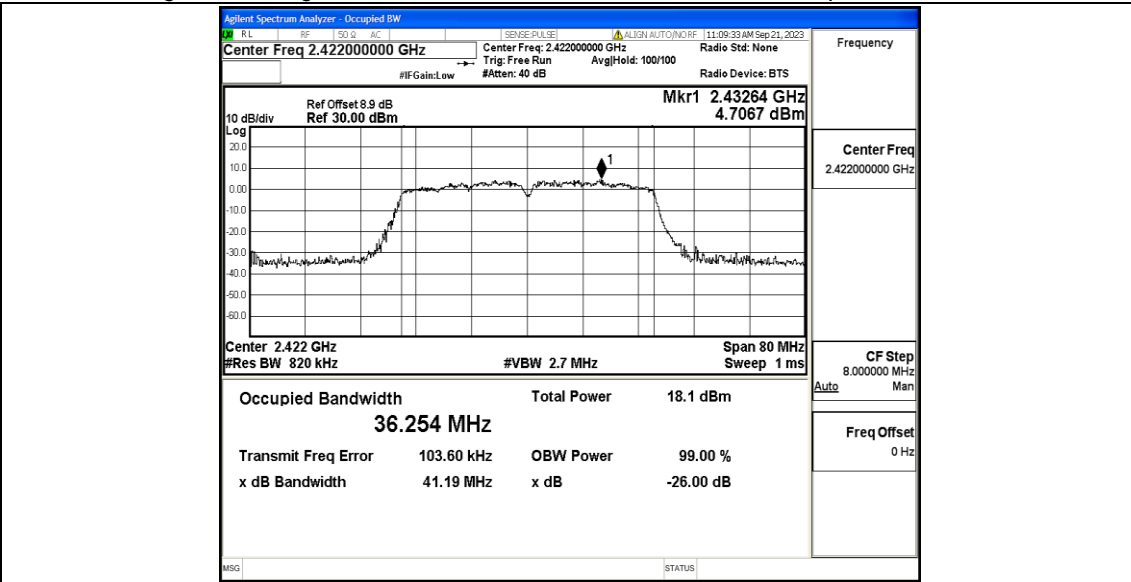
11N20SISO\_Ant1\_2437



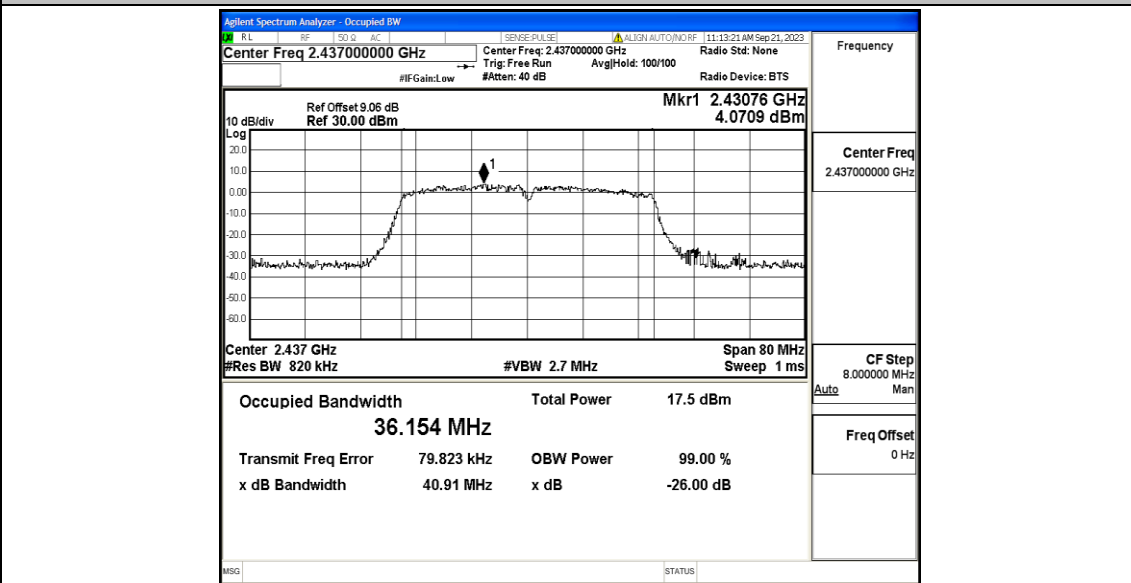
11N20SISO\_Ant1\_2462



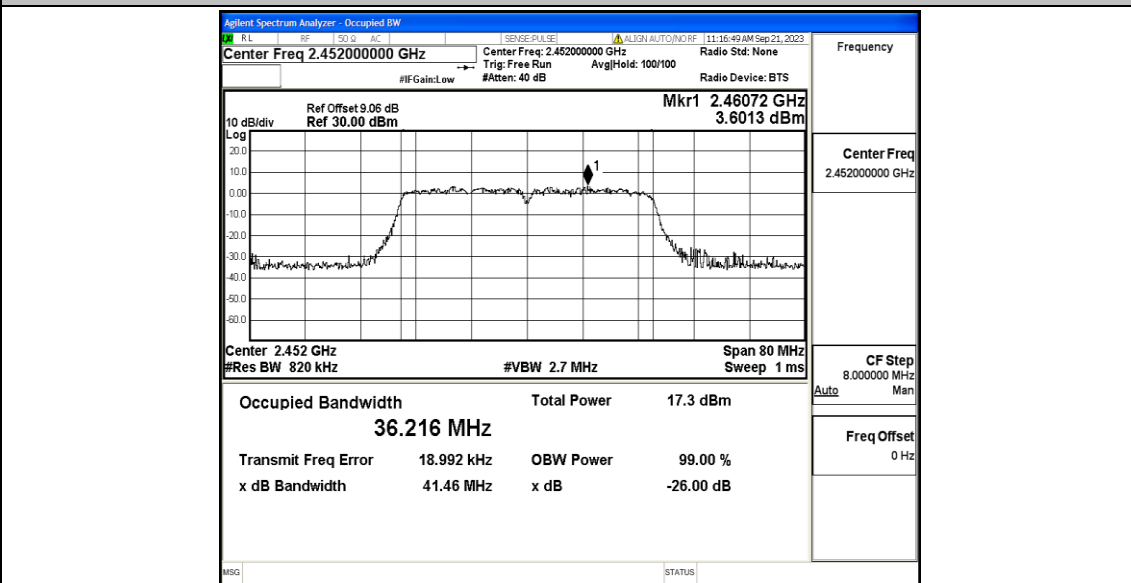
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.15	≤30.00	PASS
		2437	13.20	≤30.00	PASS
		2462	13.01	≤30.00	PASS
11G	Ant1	2412	13.40	≤30.00	PASS
		2437	13.79	≤30.00	PASS
		2462	12.93	≤30.00	PASS
11N20SISO	Ant1	2412	11.54	≤30.00	PASS
		2437	11.55	≤30.00	PASS
		2462	11.07	≤30.00	PASS
11N40SISO	Ant1	2422	12.57	≤30.00	PASS
		2437	12.42	≤30.00	PASS
		2452	11.50	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.

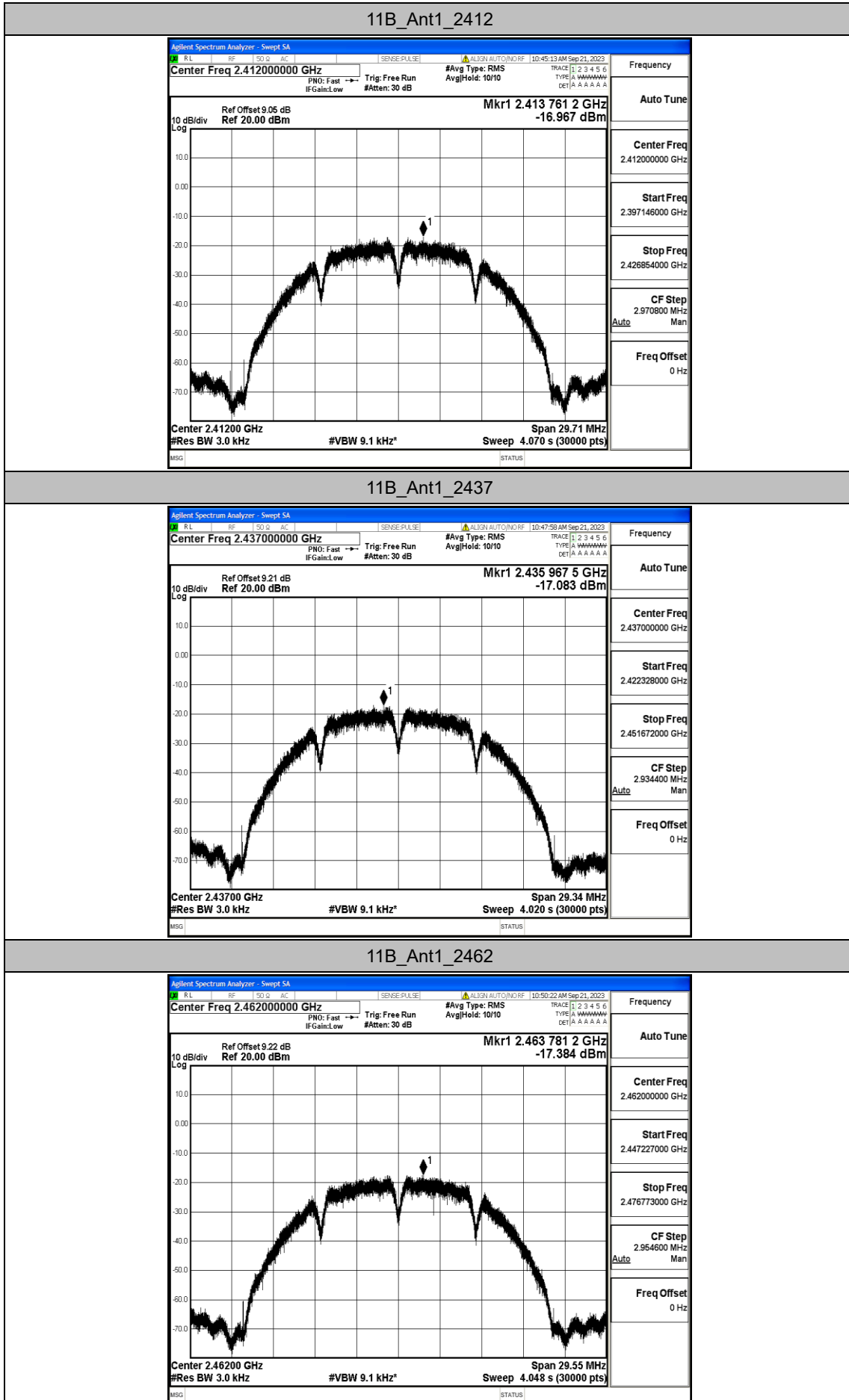
## Appendix D: Maximum power spectral density

### Test Result

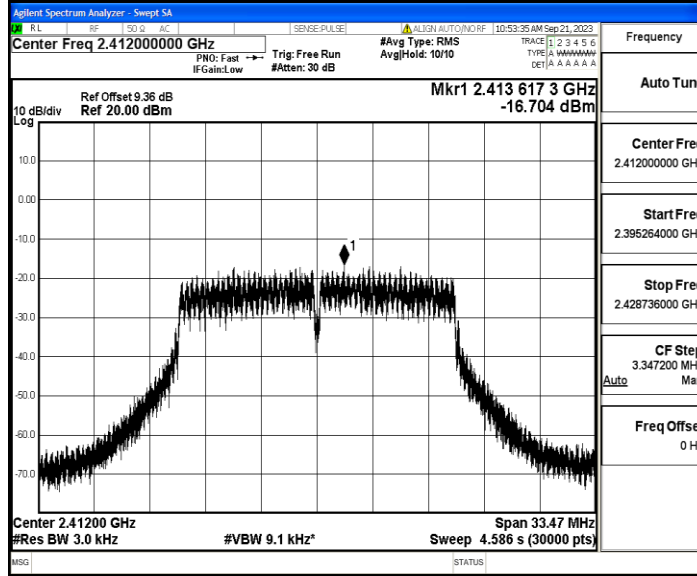
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.97	≤8.00	PASS
		2437	-17.08	≤8.00	PASS
		2462	-17.38	≤8.00	PASS
11G	Ant1	2412	-16.7	≤8.00	PASS
		2437	-16.04	≤8.00	PASS
		2462	-17.43	≤8.00	PASS
11N20SISO	Ant1	2412	-14.63	≤8.00	PASS
		2437	-13.47	≤8.00	PASS
		2462	-15.48	≤8.00	PASS
11N40SISO	Ant1	2422	-17	≤8.00	PASS
		2437	-16.83	≤8.00	PASS
		2452	-17.36	≤8.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.

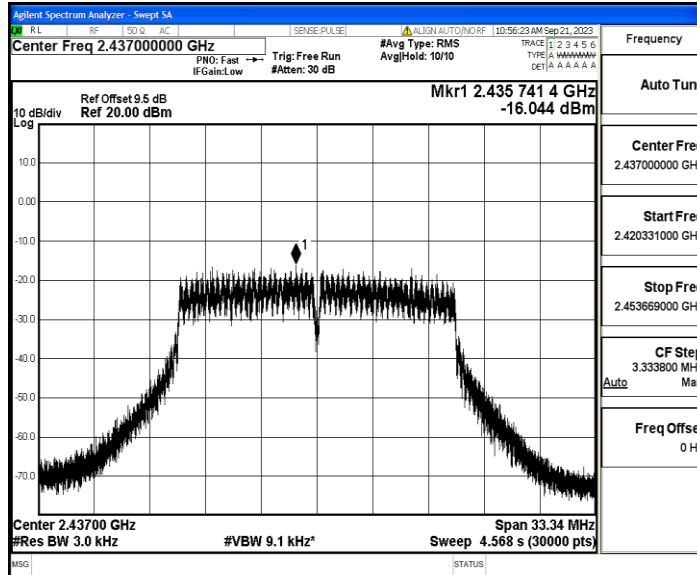
### Test Graphs



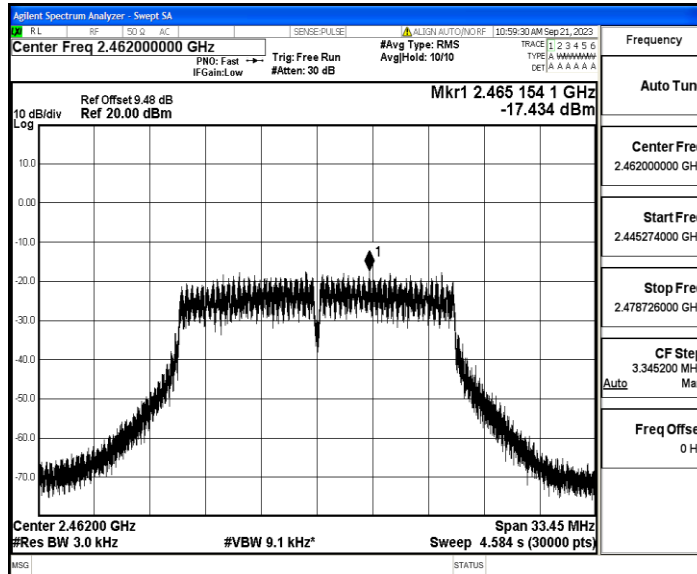
11G\_Ant1\_2412



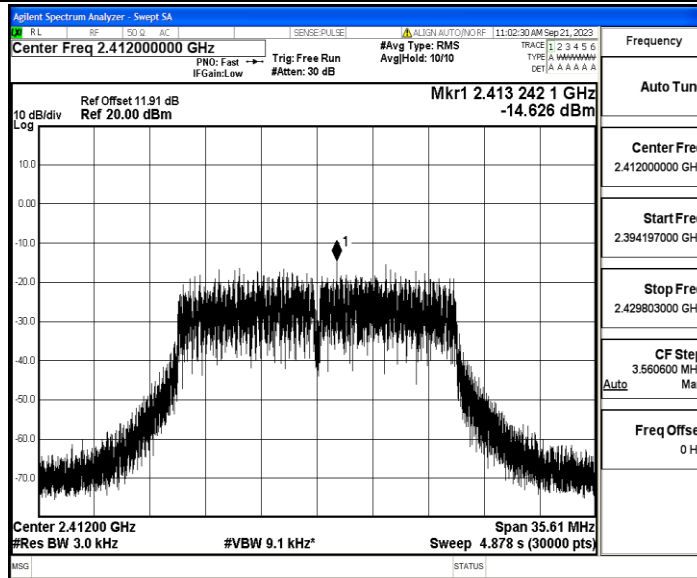
11G\_Ant1\_2437



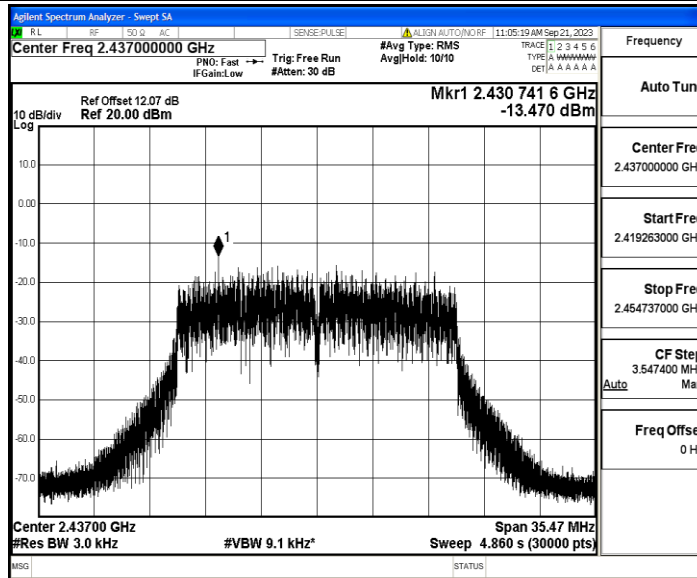
11G\_Ant1\_2462



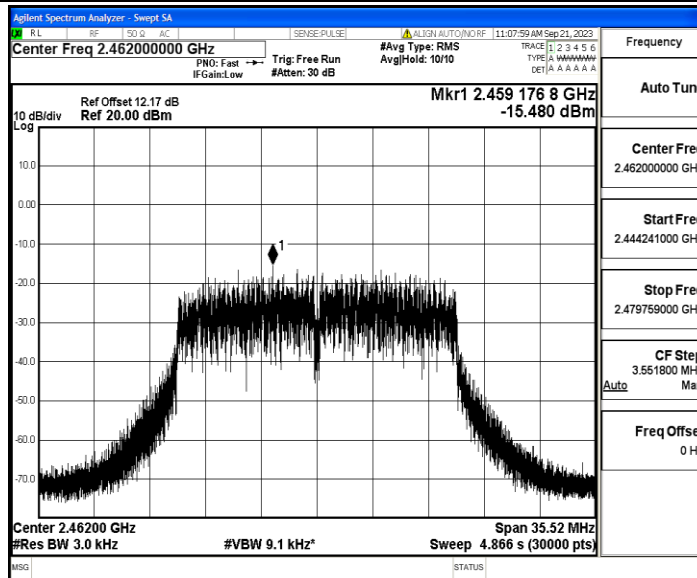
11N20SISO\_Ant1\_2412



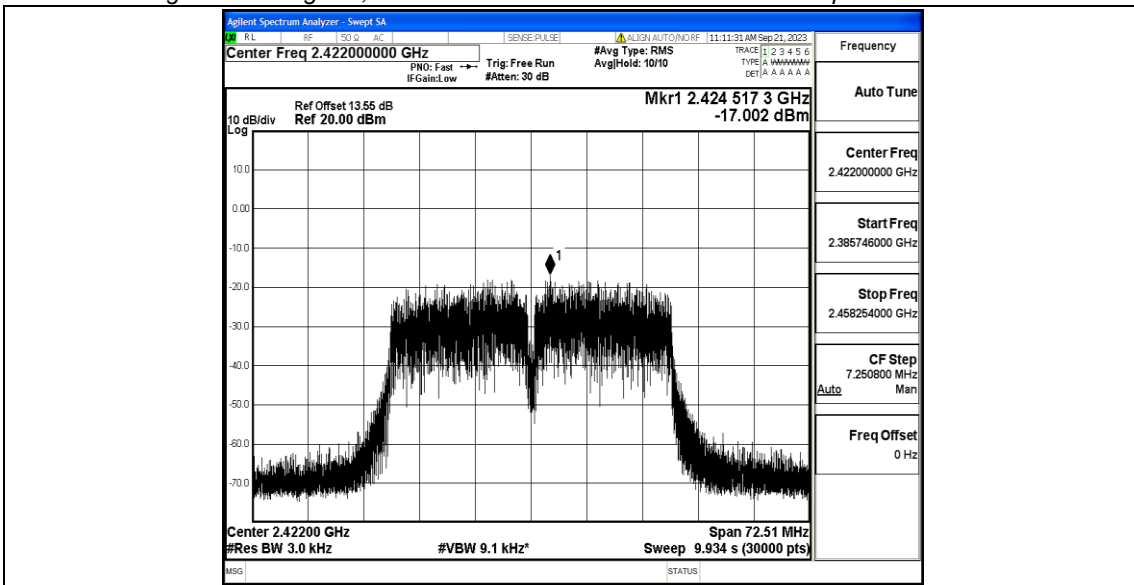
11N20SISO\_Ant1\_2437



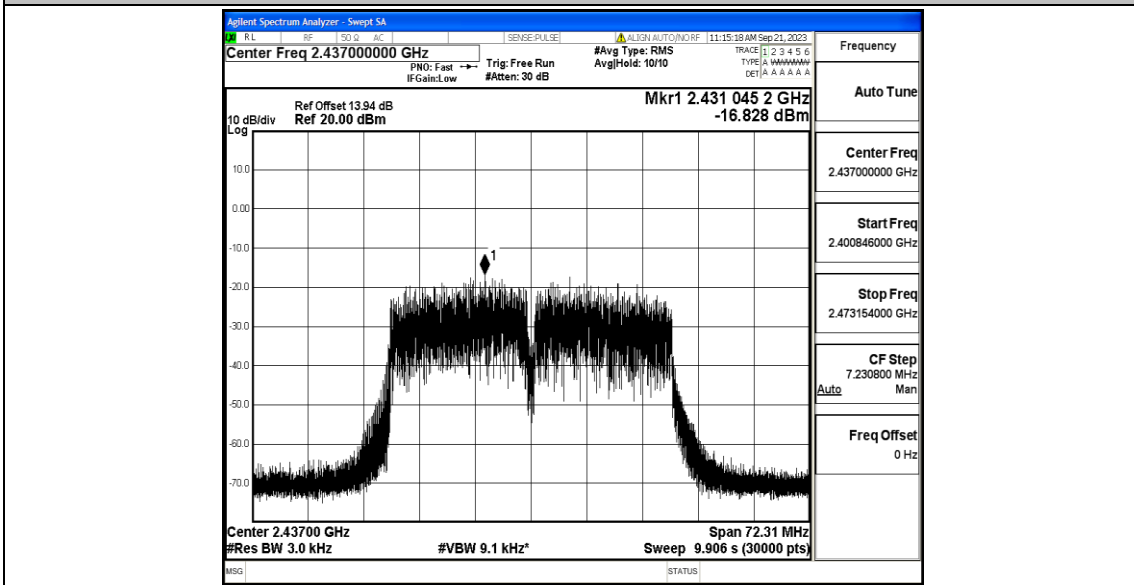
11N20SISO\_Ant1\_2462



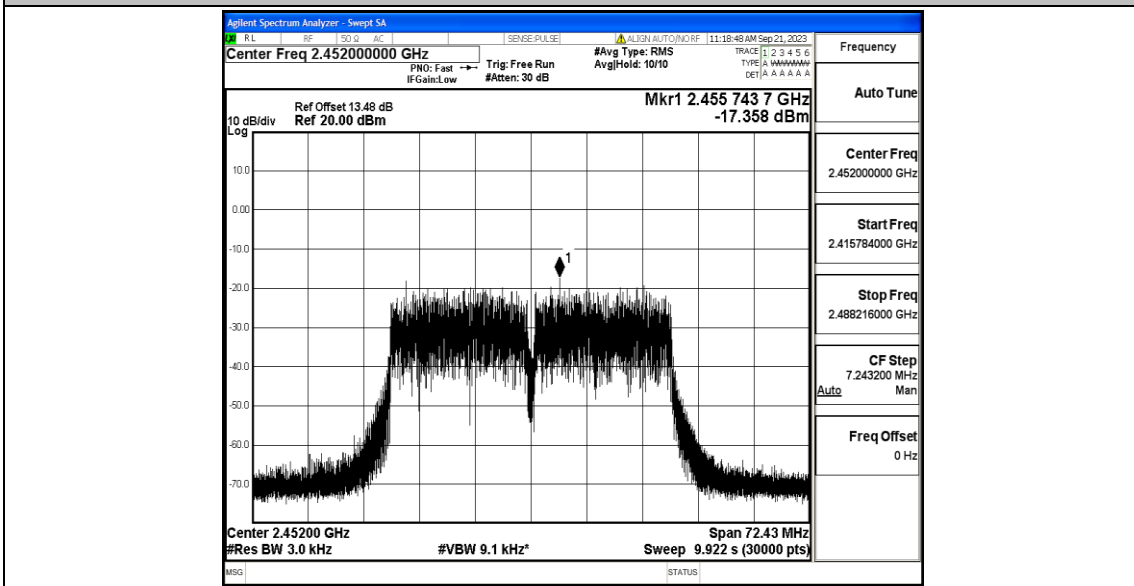
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452





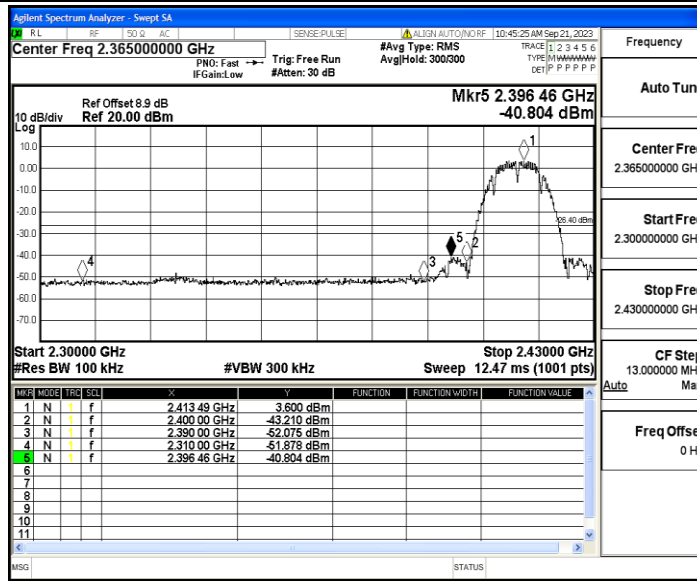
## Appendix E: Band edge measurements

### Test Result

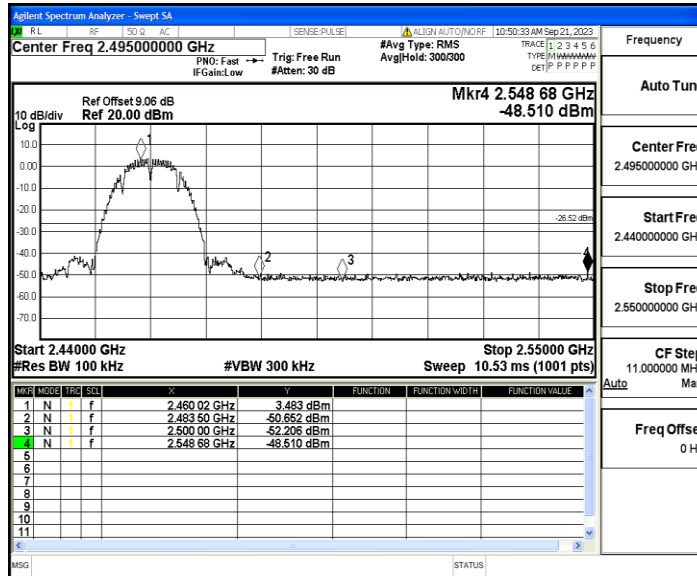
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.60	-40.8	≤-26.4	PASS
		High	2462	3.48	-48.51	≤-26.52	PASS
11G	Ant1	Low	2412	2.48	-36.39	≤-27.52	PASS
		High	2462	2.19	-48.27	≤-27.81	PASS
11N20SISO	Ant1	Low	2412	0.20	-38.16	≤-29.8	PASS
		High	2462	-0.41	-48.27	≤-30.41	PASS
11N40SISO	Ant1	Low	2422	-1.84	-41.76	≤-31.84	PASS
		High	2452	-3.29	-47.12	≤-33.29	PASS

Test Graphs

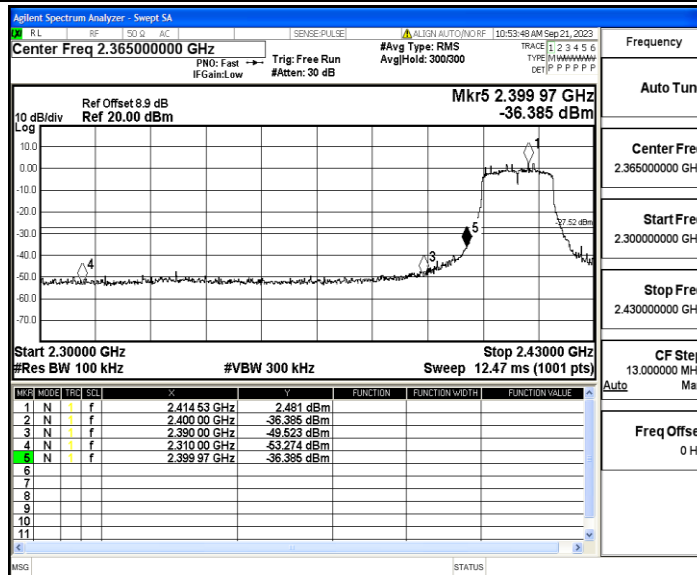
11B\_Ant1\_Low\_2412



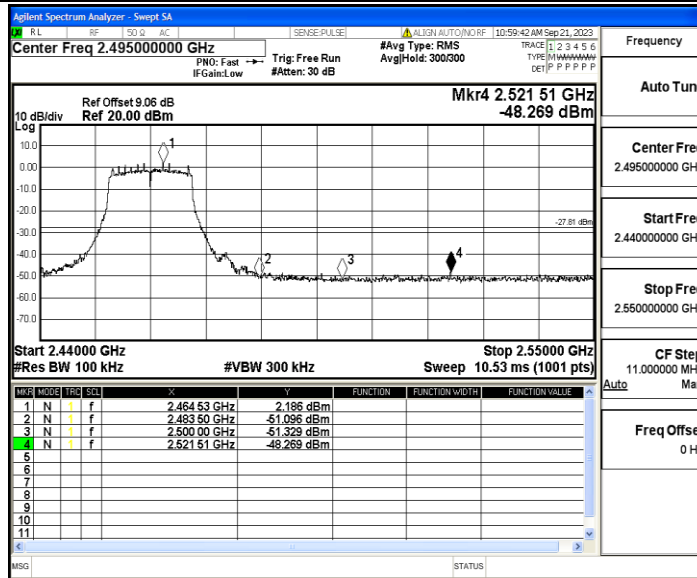
11B\_Ant1\_High\_2462



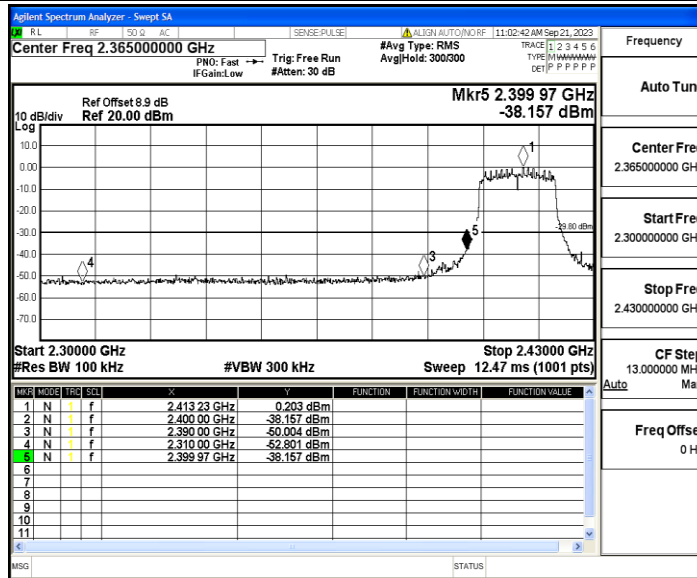
11G\_Ant1\_Low\_2412



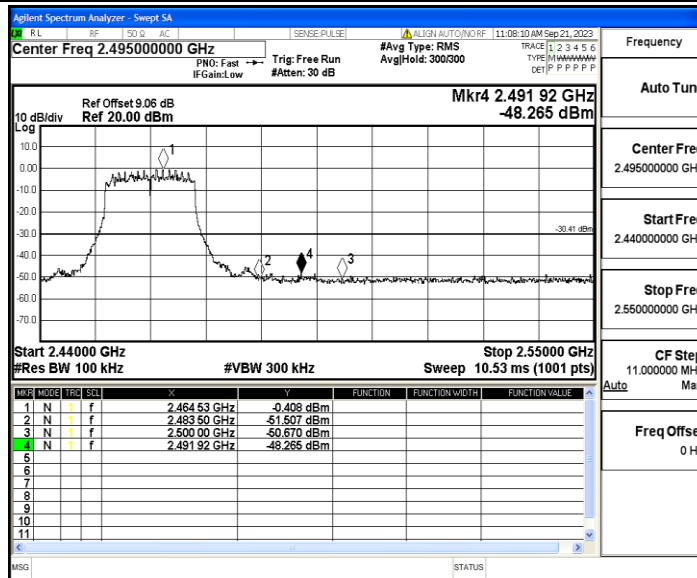
11G\_Ant1\_High\_2462



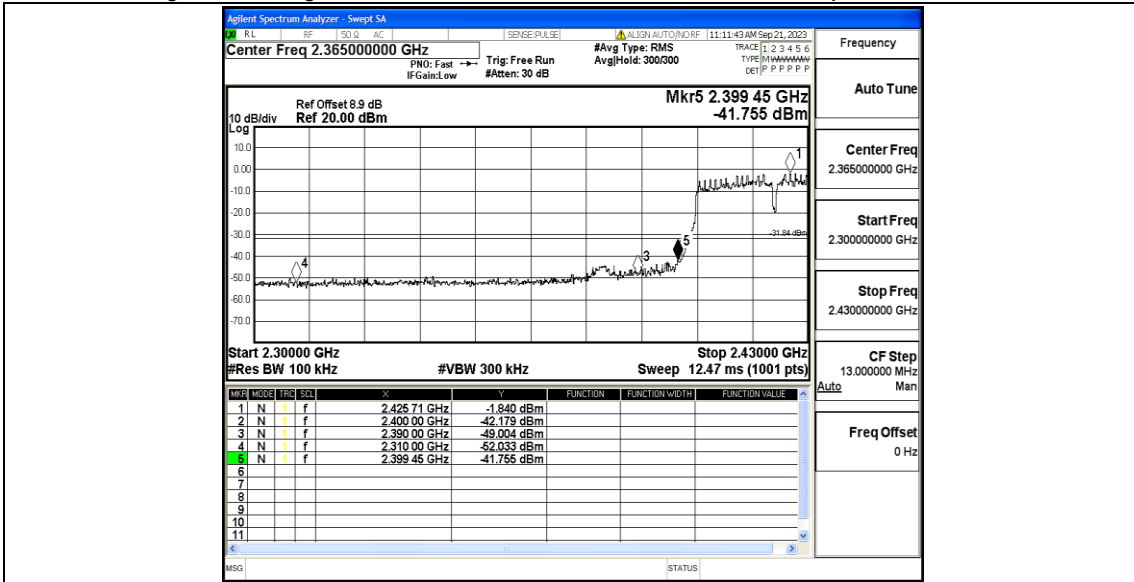
11N20SISO\_Ant1\_Low\_2412



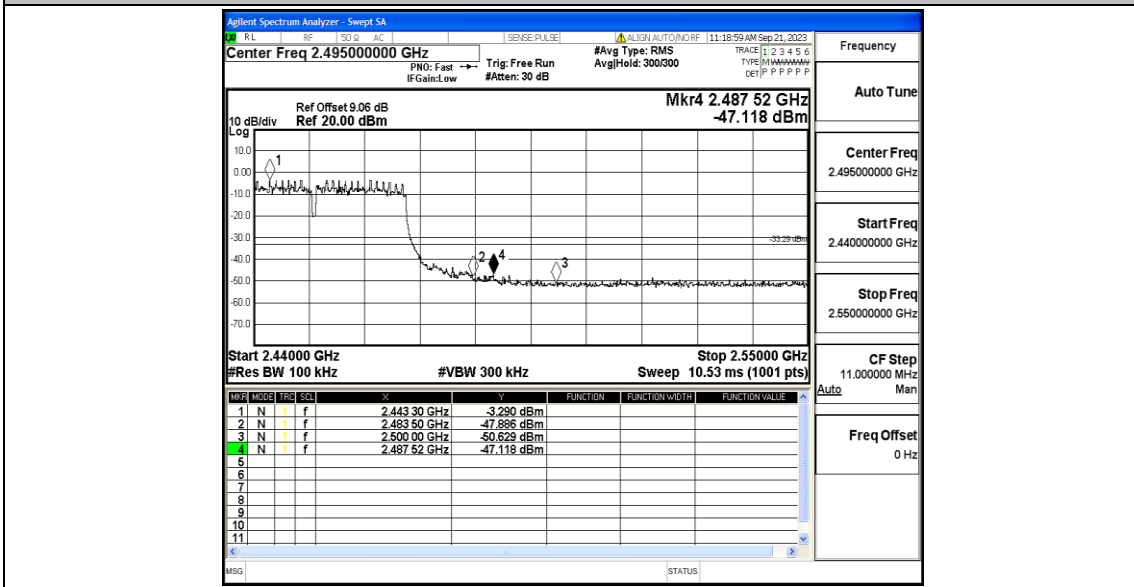
11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant1\_High\_2452

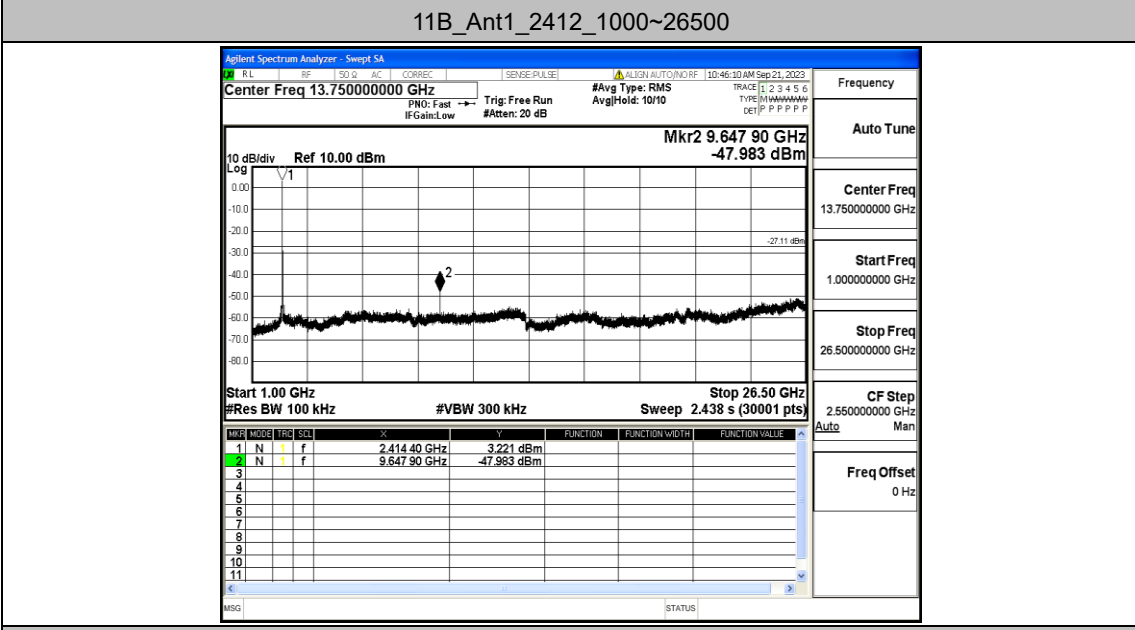
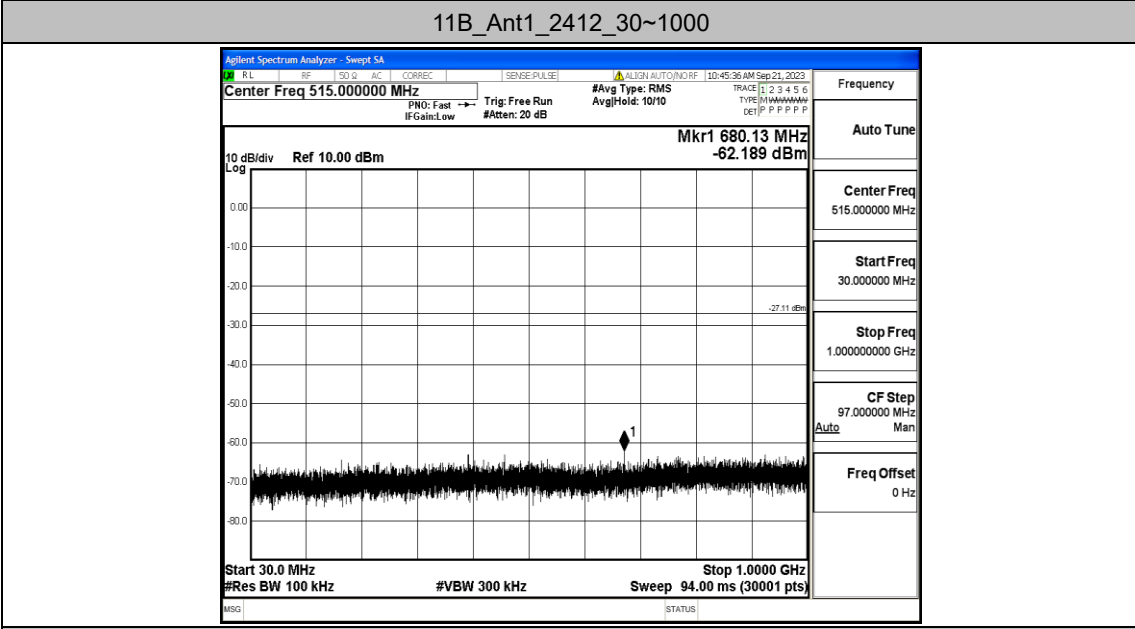
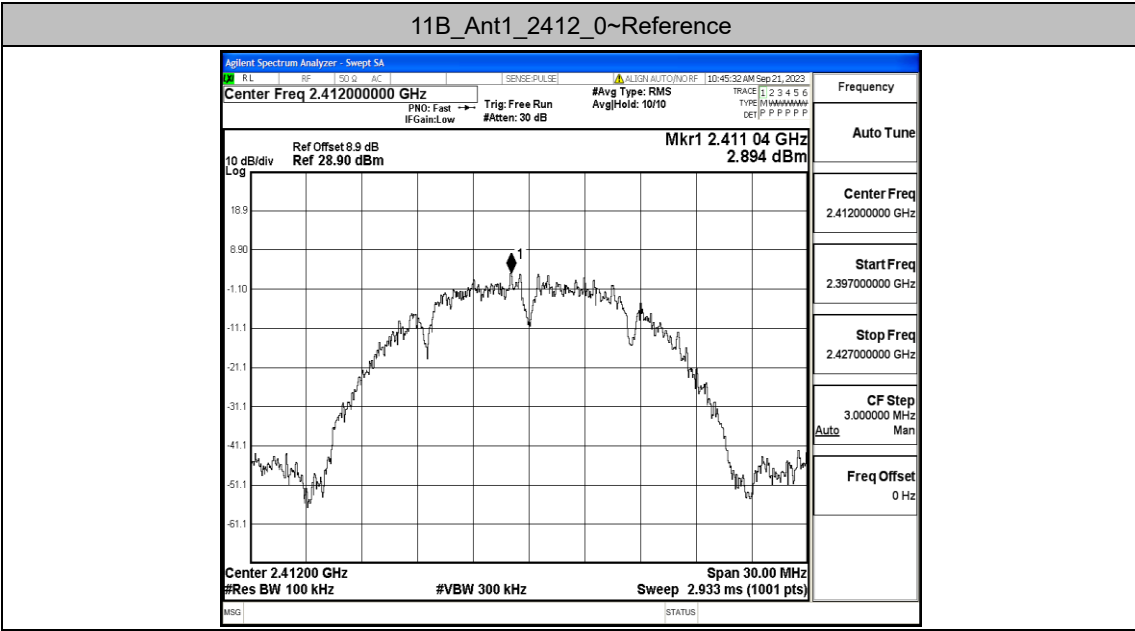


## Appendix F: Conducted Spurious Emission

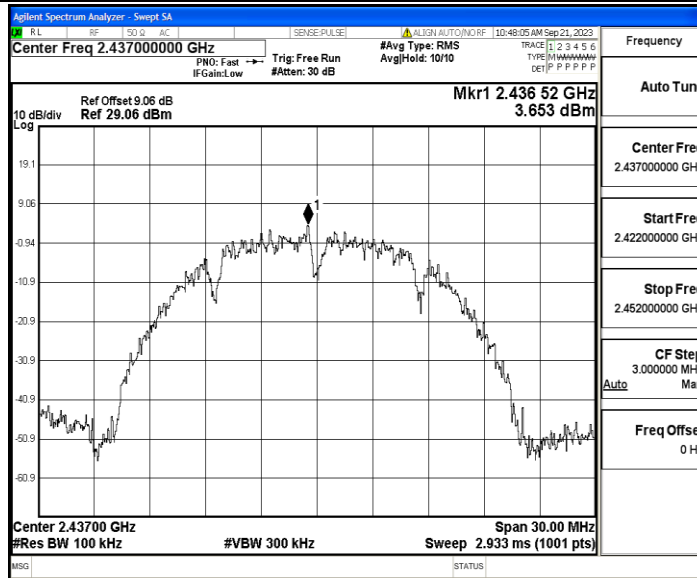
### Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.89	2.89	---	PASS
			30~1000	2.89	-62.19	≤-27.11	PASS
			1000~26500	2.89	-47.98	≤-27.11	PASS
		2437	Reference	3.65	3.65	---	PASS
			30~1000	3.65	-61.74	≤-26.35	PASS
			1000~26500	3.65	-45.35	≤-26.35	PASS
		2462	Reference	1.41	1.41	---	PASS
			30~1000	1.41	-63.2	≤-28.59	PASS
			1000~26500	1.41	-50.16	≤-28.59	PASS
11G	Ant1	2412	Reference	-0.96	-0.96	---	PASS
			30~1000	-0.96	-62.83	≤-30.96	PASS
			1000~26500	-0.96	-50.17	≤-30.96	PASS
		2437	Reference	2.49	2.49	---	PASS
			30~1000	2.49	-63	≤-27.51	PASS
			1000~26500	2.49	-49.52	≤-27.51	PASS
		2462	Reference	0.76	0.76	---	PASS
			30~1000	0.76	-62.58	≤-29.24	PASS
			1000~26500	0.76	-50.22	≤-29.24	PASS
11N20SISO	Ant1	2412	Reference	-0.86	-0.86	---	PASS
			30~1000	-0.86	-62.73	≤-30.86	PASS
			1000~26500	-0.86	-49.49	≤-30.86	PASS
		2437	Reference	-0.13	-0.13	---	PASS
			30~1000	-0.13	-63.03	≤-30.13	PASS
			1000~26500	-0.13	-50.28	≤-30.13	PASS
		2462	Reference	-1.90	-1.90	---	PASS
			30~1000	-1.90	-61.84	≤-31.9	PASS
			1000~26500	-1.90	-50.66	≤-31.9	PASS
11N40SISO	Ant1	2422	Reference	-2.66	-2.66	---	PASS
			30~1000	-2.66	-62.34	≤-32.66	PASS
			1000~26500	-2.66	-50.01	≤-32.66	PASS
		2437	Reference	-3.19	-3.19	---	PASS
			30~1000	-3.19	-62.96	≤-33.19	PASS
			1000~26500	-3.19	-50.57	≤-33.19	PASS
		2452	Reference	-3.71	-3.71	---	PASS
			30~1000	-3.71	-62.24	≤-33.71	PASS
			1000~26500	-3.71	-50.21	≤-33.71	PASS

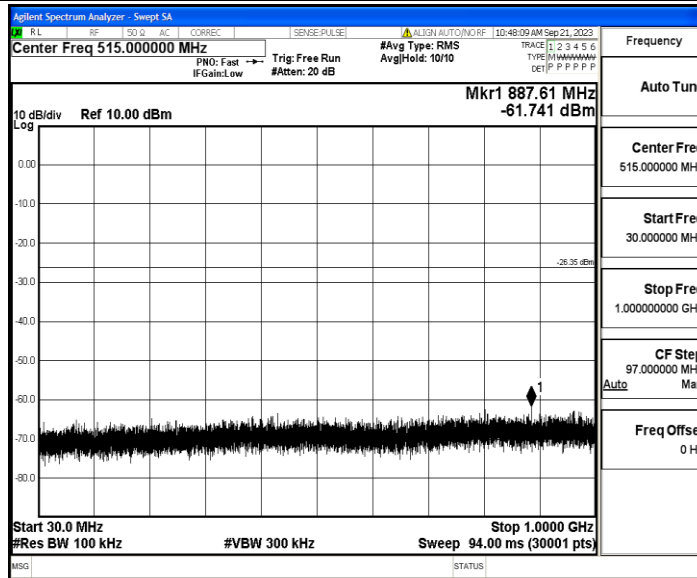
Test Graphs



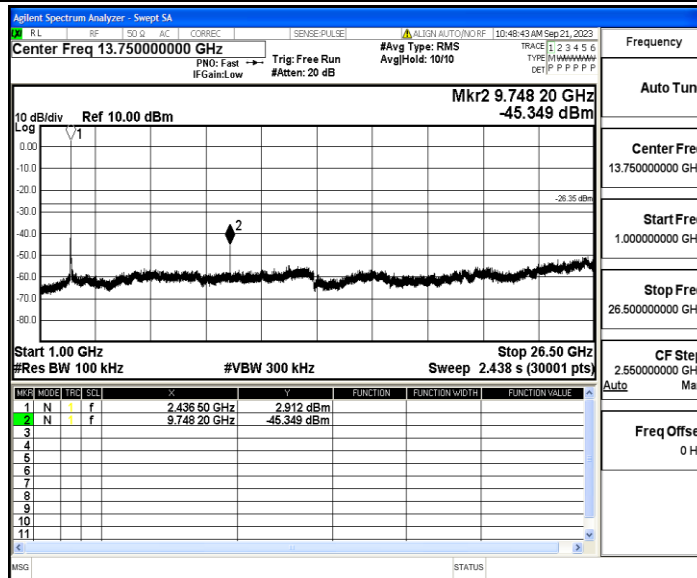
11B\_Ant1\_2437\_0~Reference



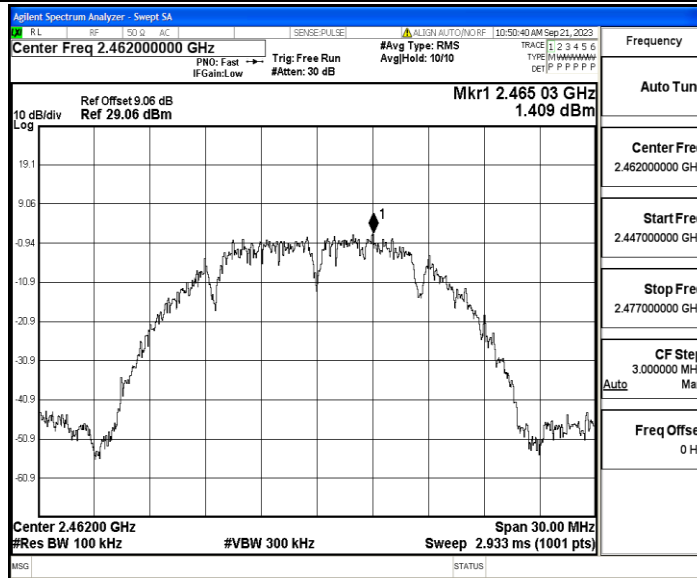
11B\_Ant1\_2437\_30~1000



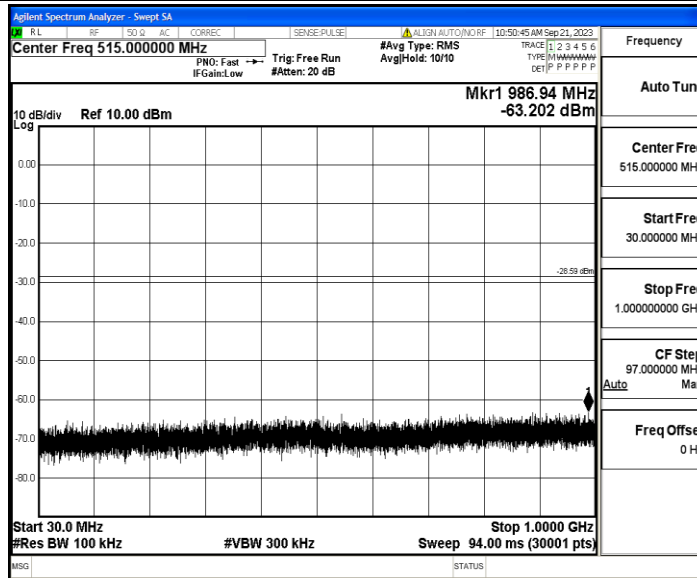
11B\_Ant1\_2437\_1000~26500



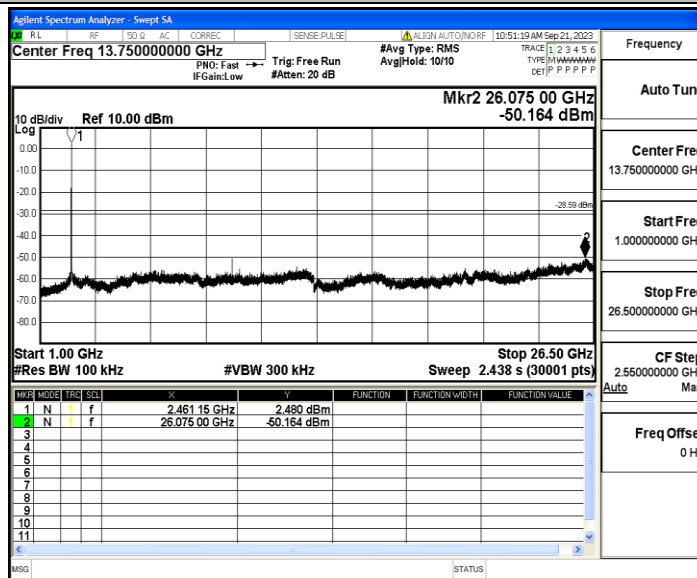
11B\_Ant1\_2462\_0~Reference



11B\_Ant1\_2462\_30~1000

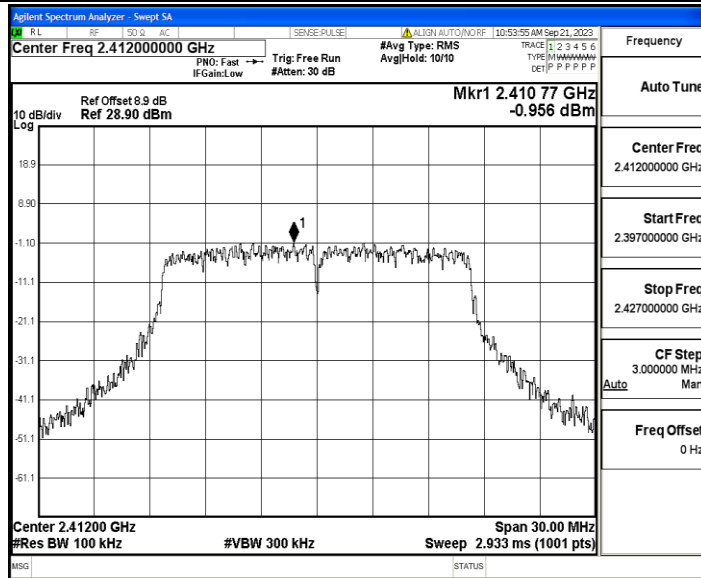


11B\_Ant1\_2462\_1000~26500

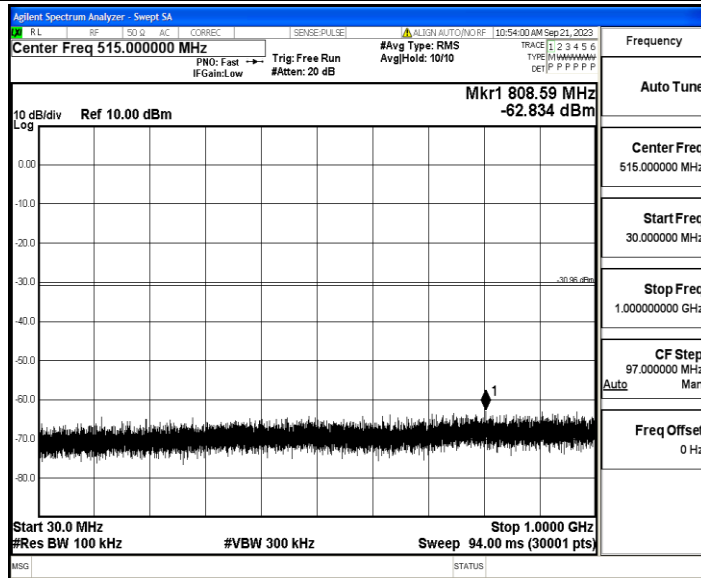


11G\_Ant1\_2412\_0~Reference

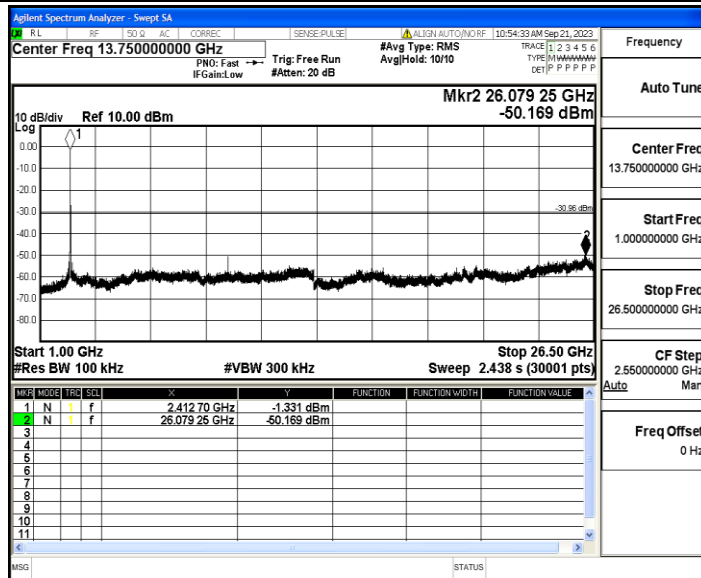




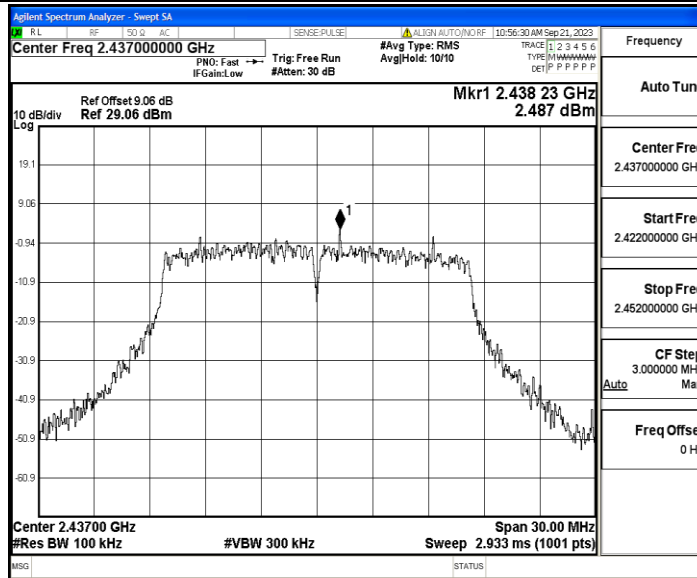
11G\_Ant1\_2412\_30~1000



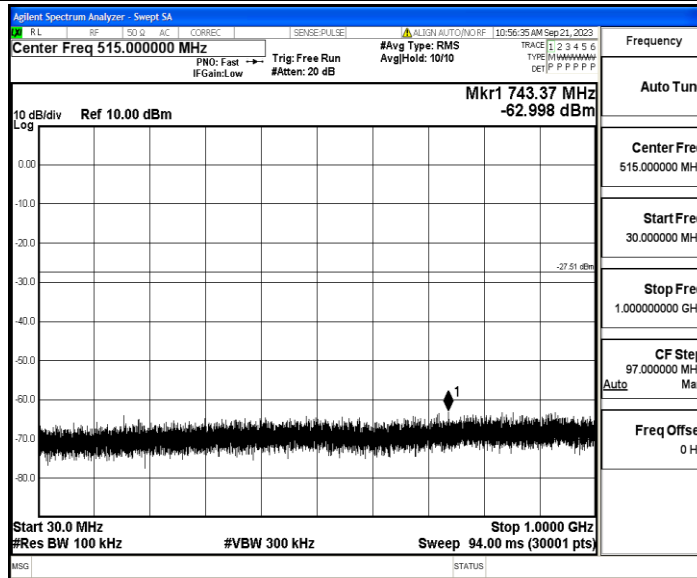
11G\_Ant1\_2412\_1000~26500



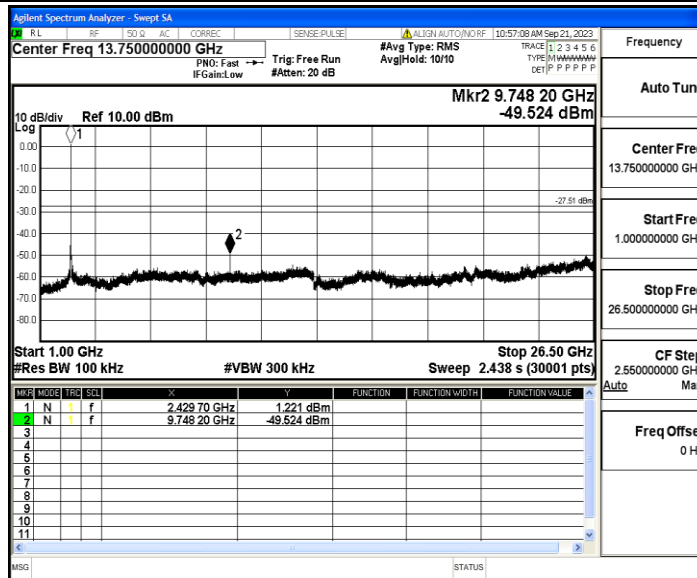
11G\_Ant1\_2437\_0~Reference



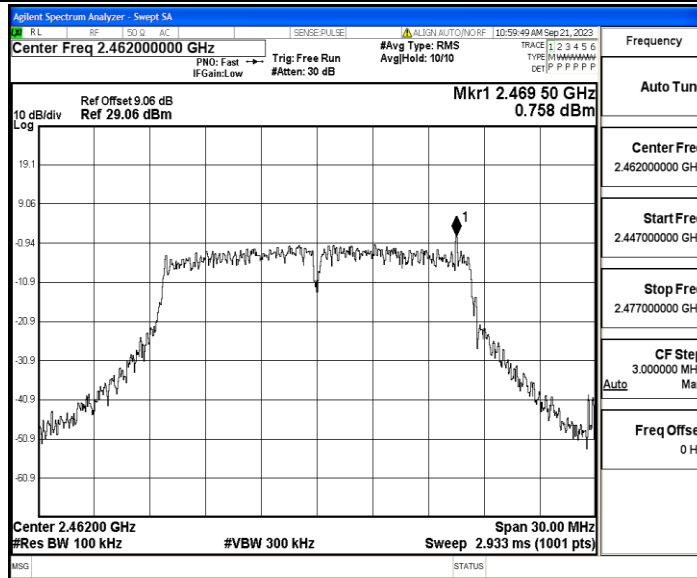
11G\_Ant1\_2437\_30~1000



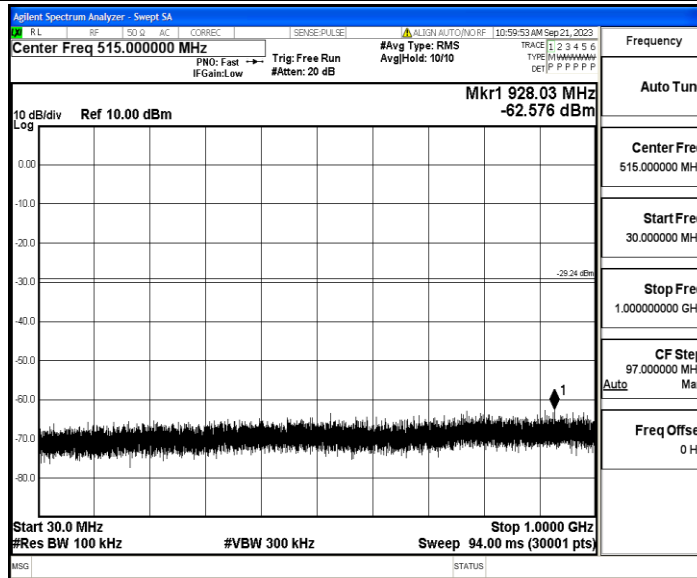
11G\_Ant1\_2437\_1000~26500



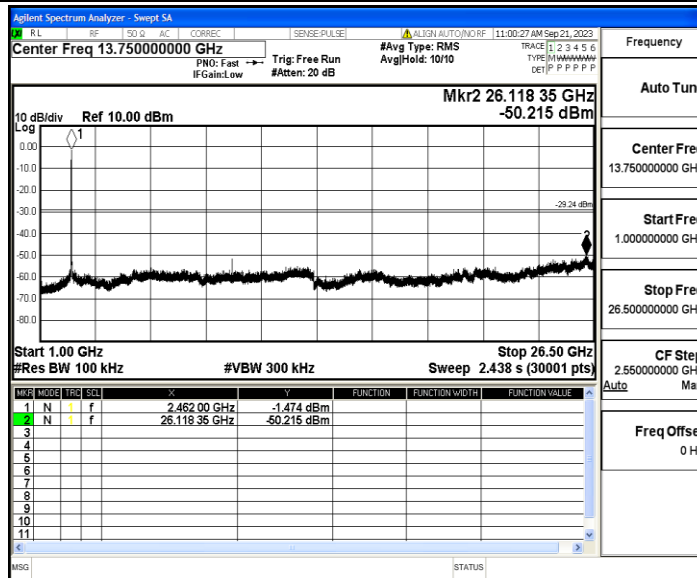
11G\_Ant1\_2462\_0~Reference



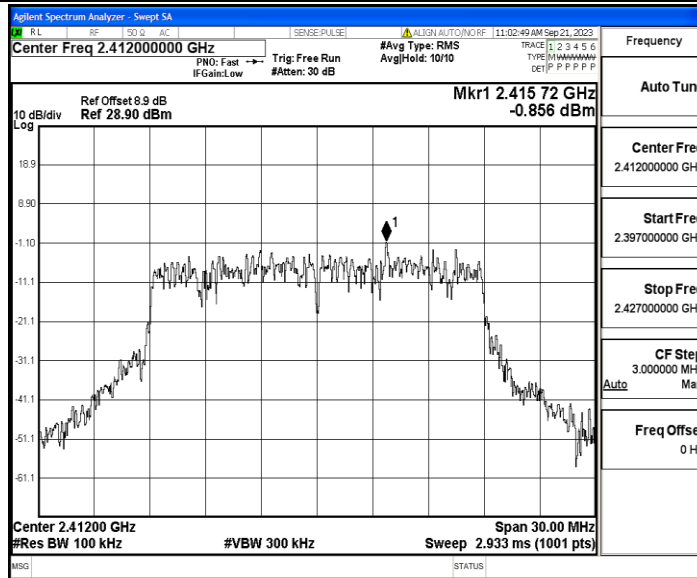
11G\_Ant1\_2462\_30~1000



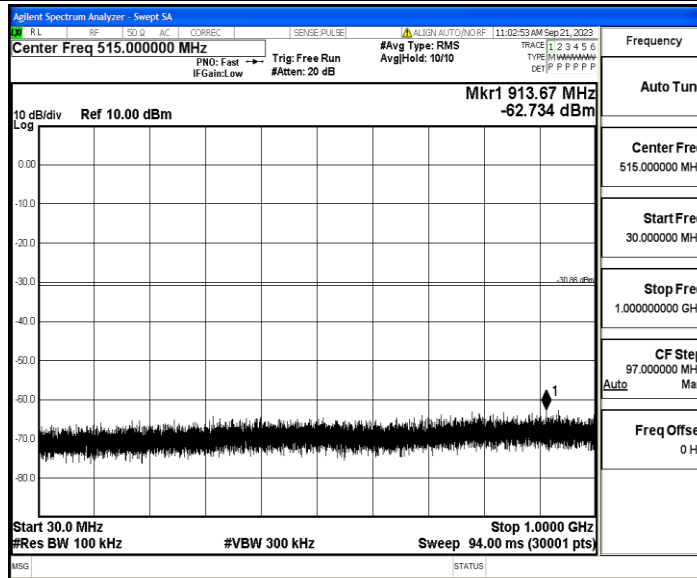
11G\_Ant1\_2462\_1000~26500



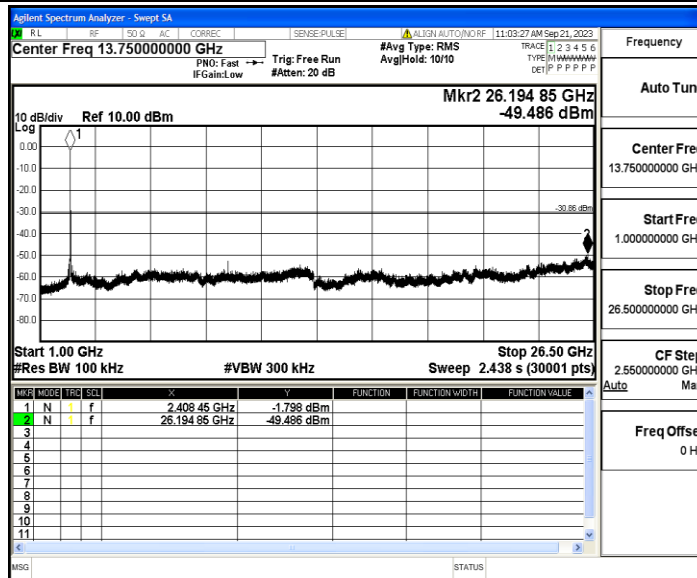
11N20SISO\_Ant1\_2412\_0~Reference



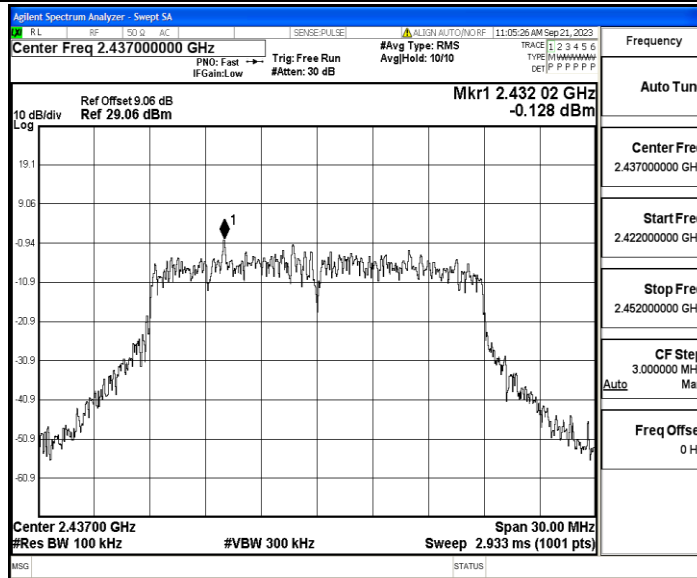
11N20SISO\_Ant1\_2412\_30~1000



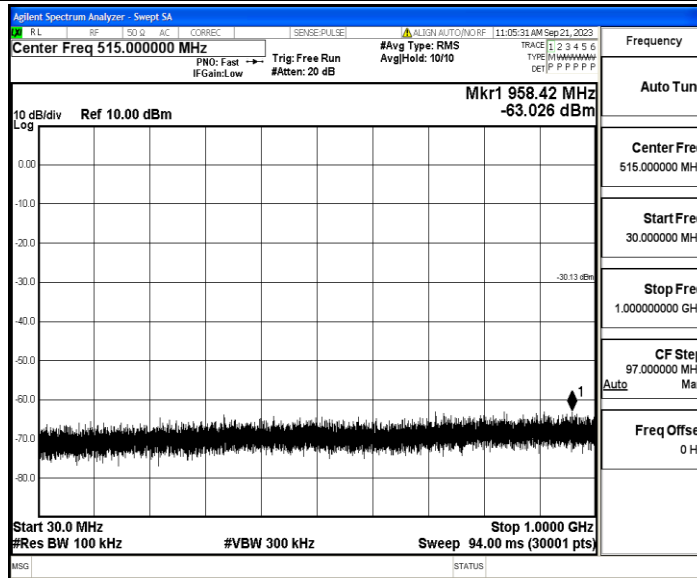
11N20SISO\_Ant1\_2412\_1000~26500



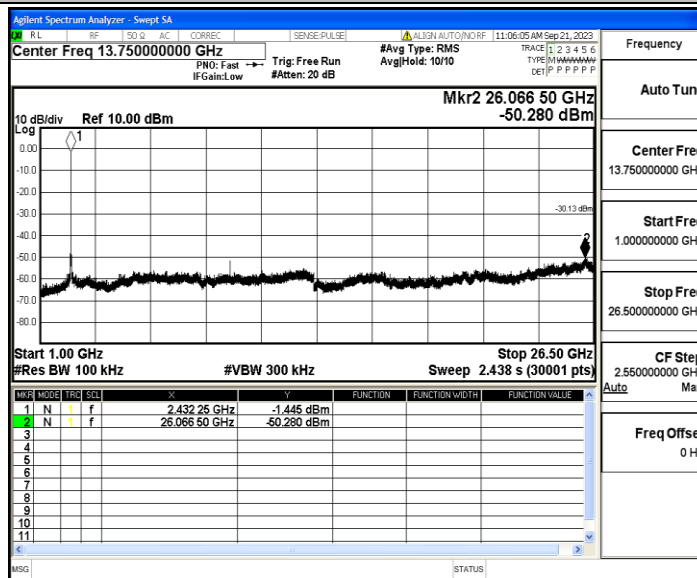
11N20SISO\_Ant1\_2437\_0~Reference



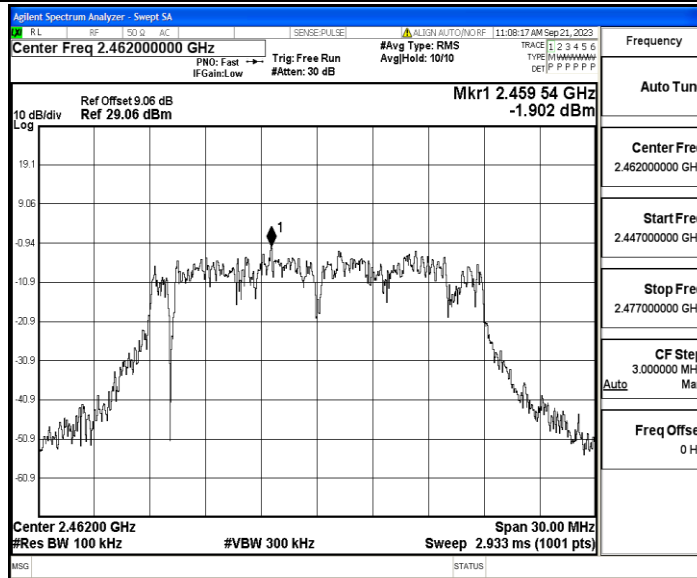
11N20SISO\_Ant1\_2437\_30~1000



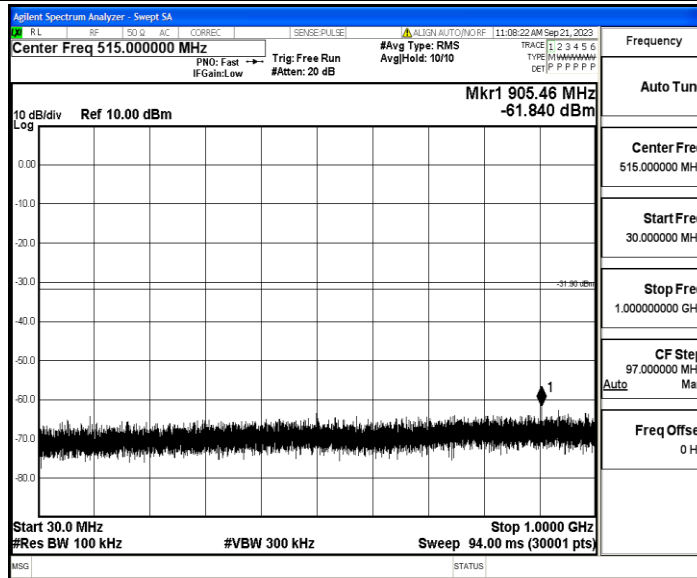
11N20SISO\_Ant1\_2437\_1000~26500



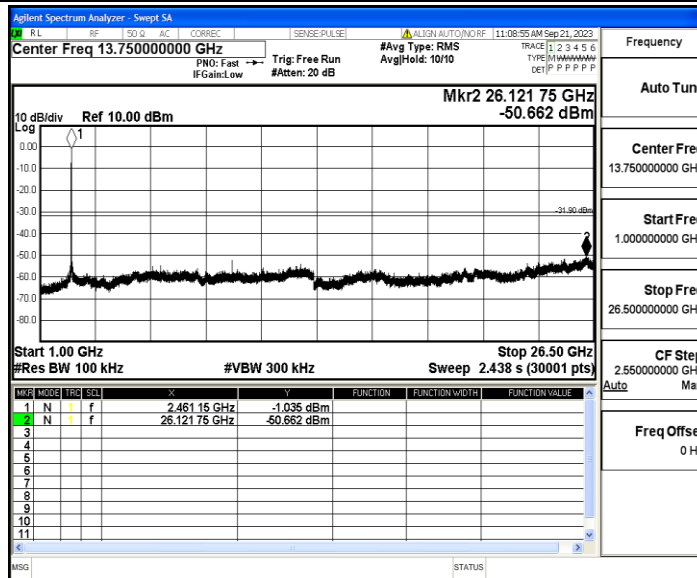
11N20SISO\_Ant1\_2462\_0~Reference



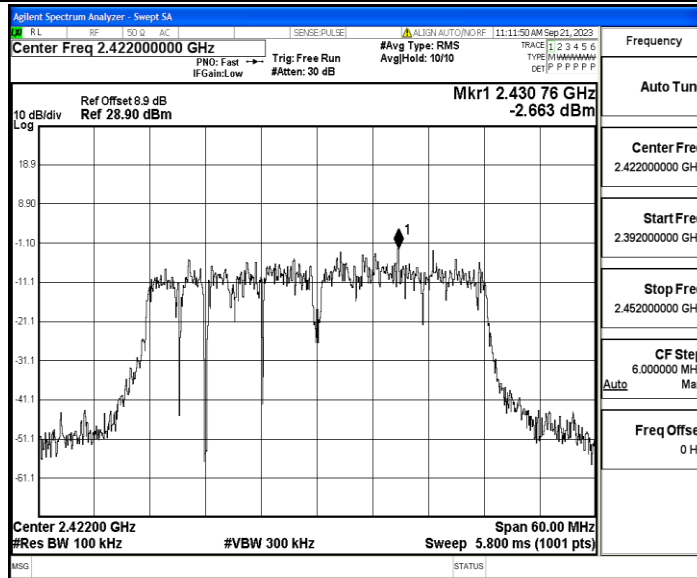
11N20SISO\_Ant1\_2462\_30~1000



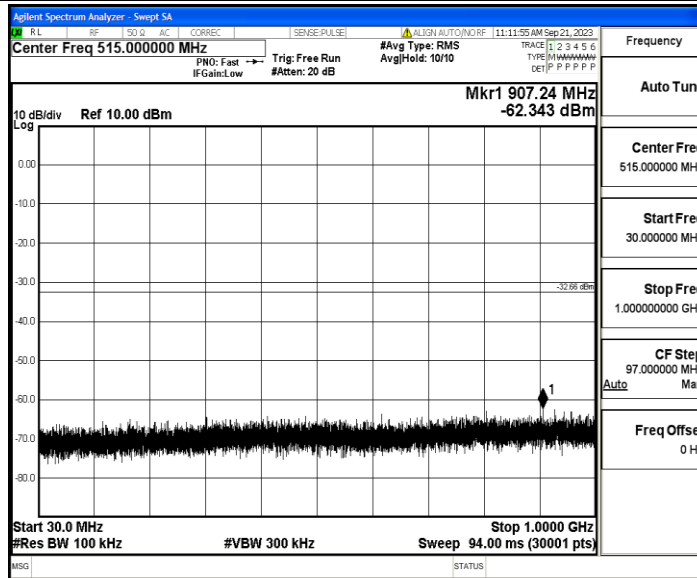
11N20SISO\_Ant1\_2462\_1000~26500



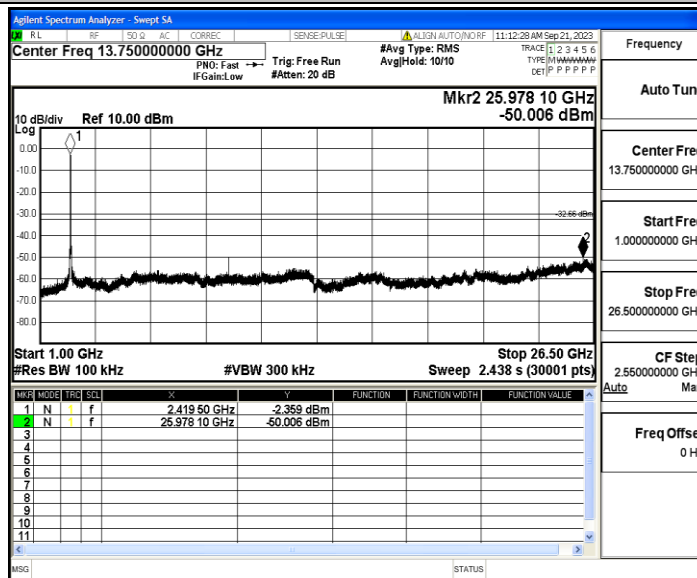
11N40SISO\_Ant1\_2422\_0~Reference



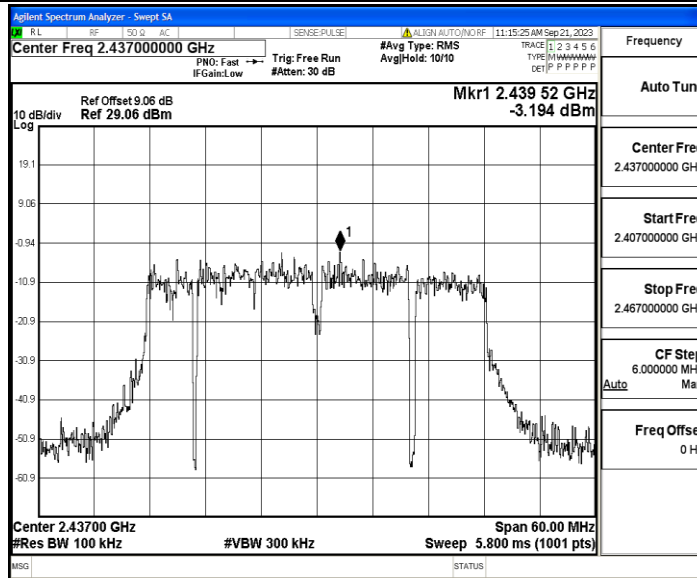
11N40SISO\_Ant1\_2422\_30~1000



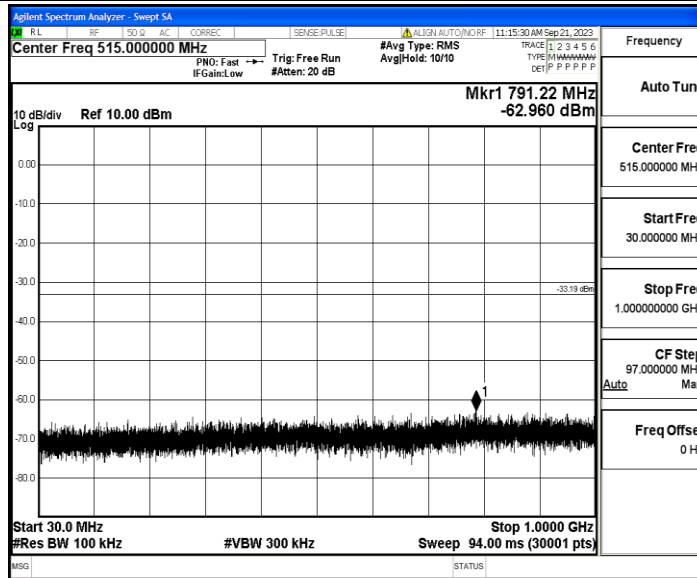
11N40SISO\_Ant1\_2422\_1000~26500



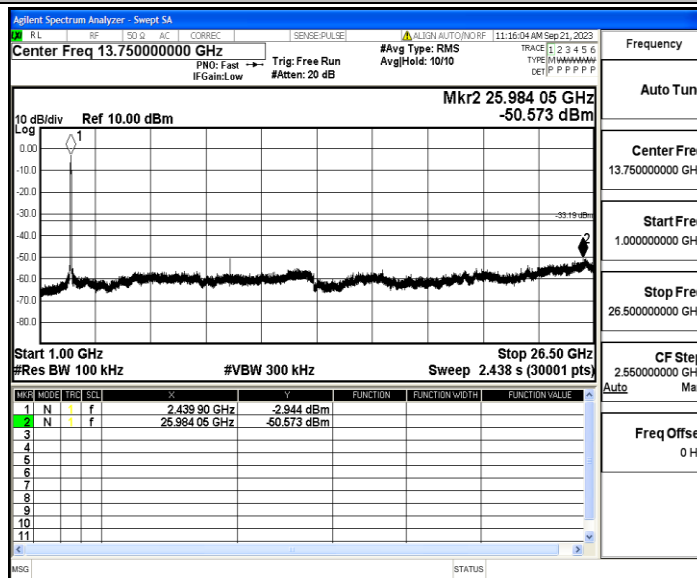
11N40SISO\_Ant1\_2437\_0~Reference



11N40SISO\_Ant1\_2437\_30~1000

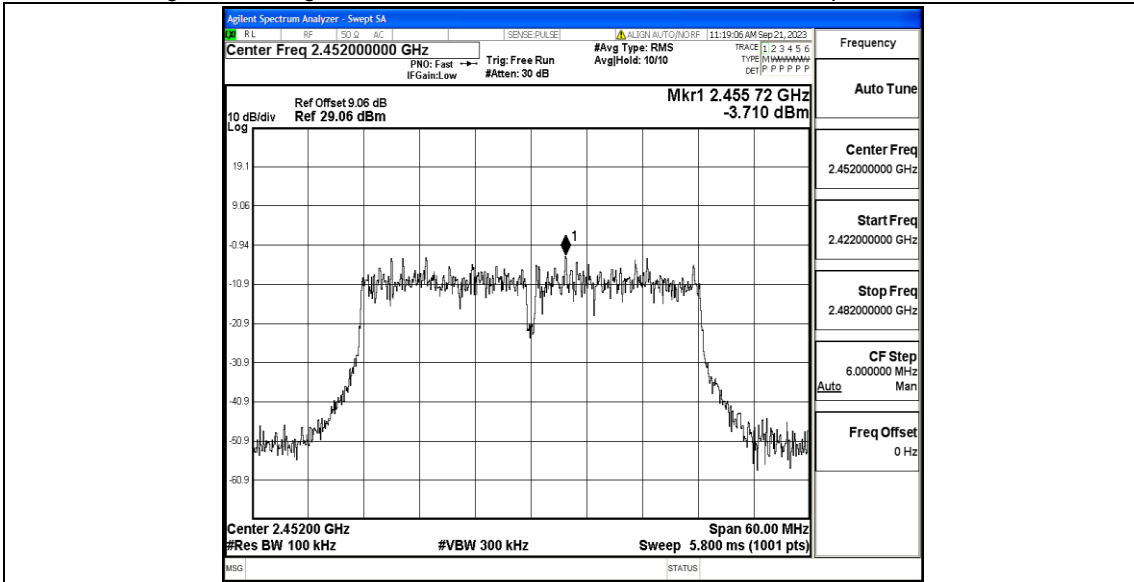


11N40SISO\_Ant1\_2437\_1000~26500

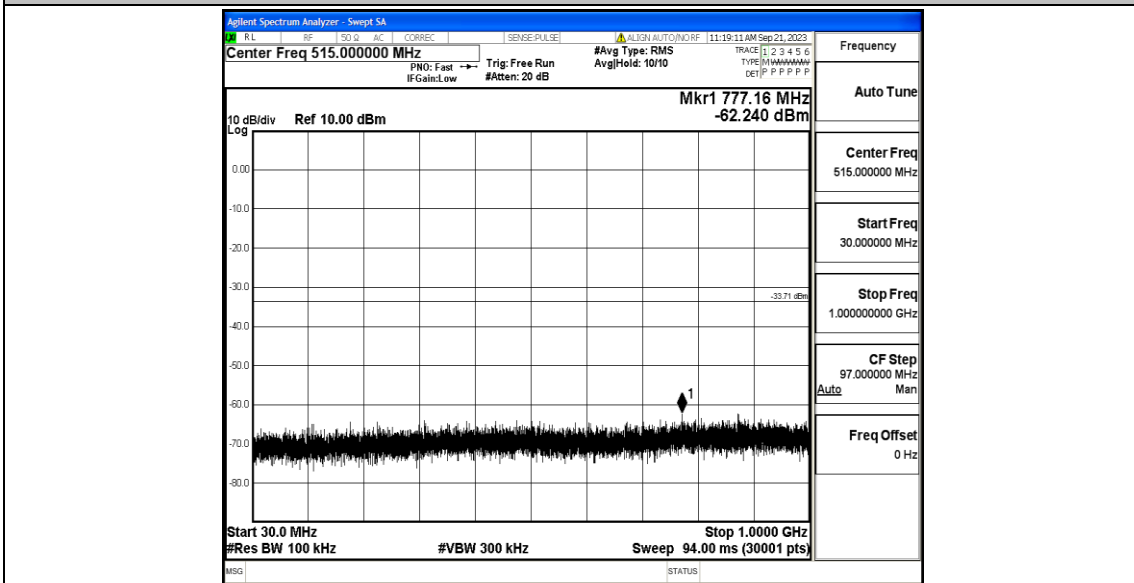


11N40SISO\_Ant1\_2452\_0~Reference

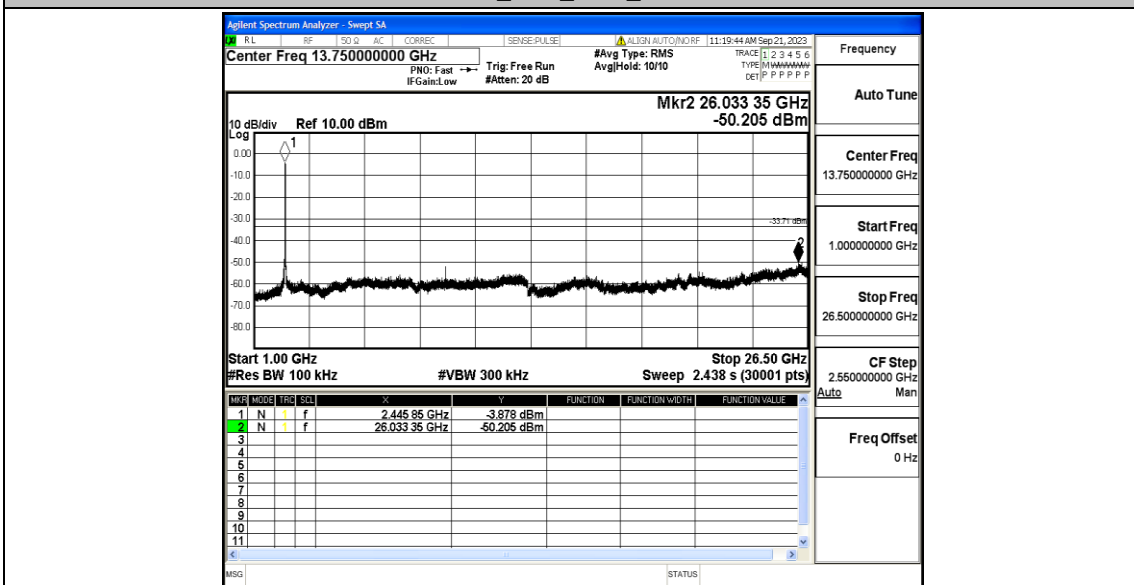




11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500



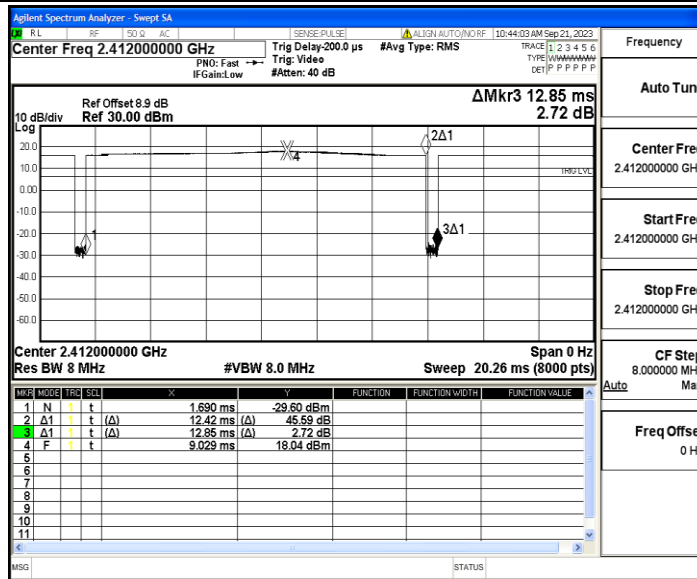
## Appendix G: Duty Cycle

### Test Result

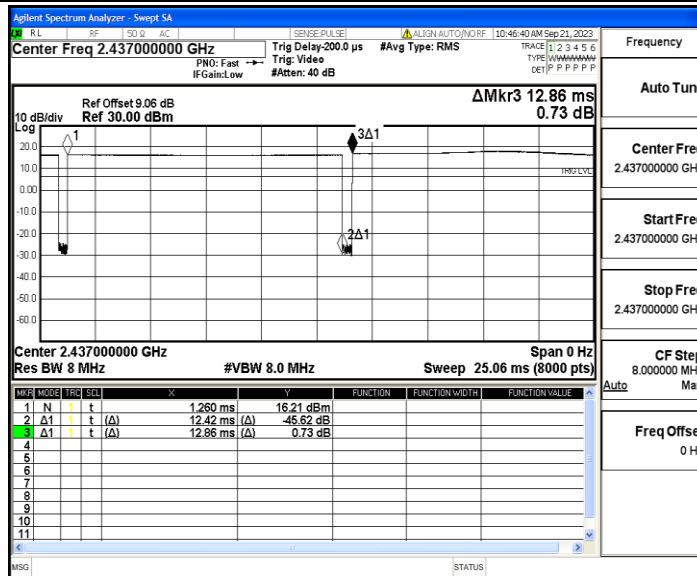
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
11B	Ant1	2412	12.42	12.85	96.65	0.08
		2437	12.42	12.86	96.58	0.08
		2462	12.42	12.88	96.43	0.08
11G	Ant1	2412	2.06	2.29	89.96	0.49
		2437	2.07	2.29	90.39	0.48
		2462	2.06	2.27	90.75	0.49
11N20SISO	Ant1	2412	0.23	0.46	50.00	4.35
		2437	0.23	0.46	50.00	4.35
		2462	0.22	0.45	48.89	4.55
11N40SISO	Ant1	2422	0.12	0.35	34.29	8.33
		2437	0.13	0.40	32.50	7.69
		2452	0.13	0.36	36.11	7.69

Test Graphs

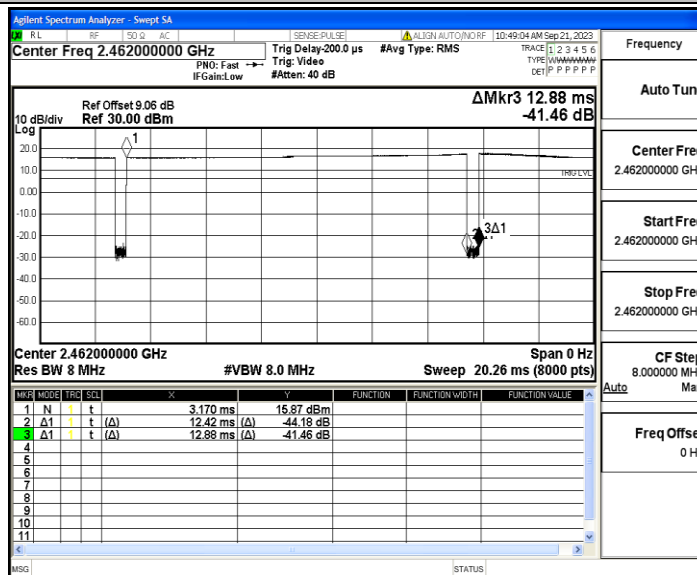
11B\_Ant1\_2412



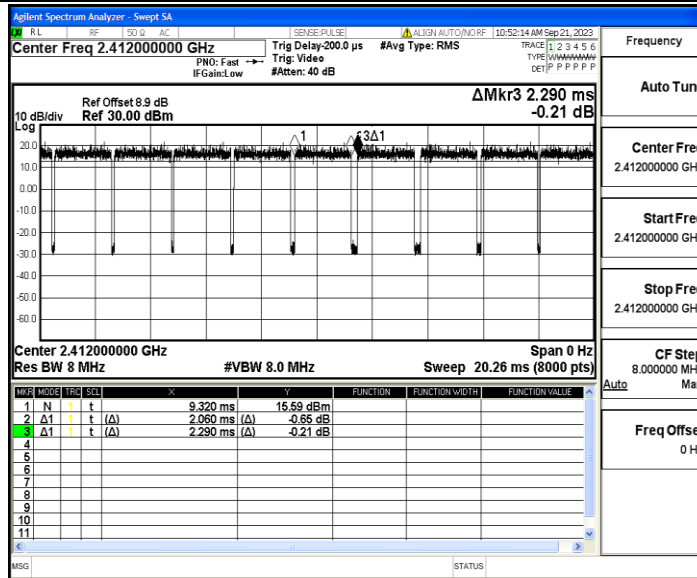
11B\_Ant1\_2437



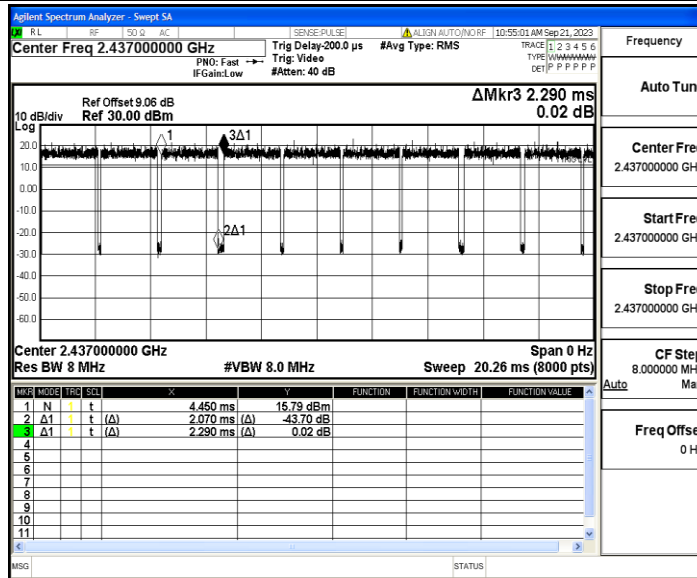
11B\_Ant1\_2462



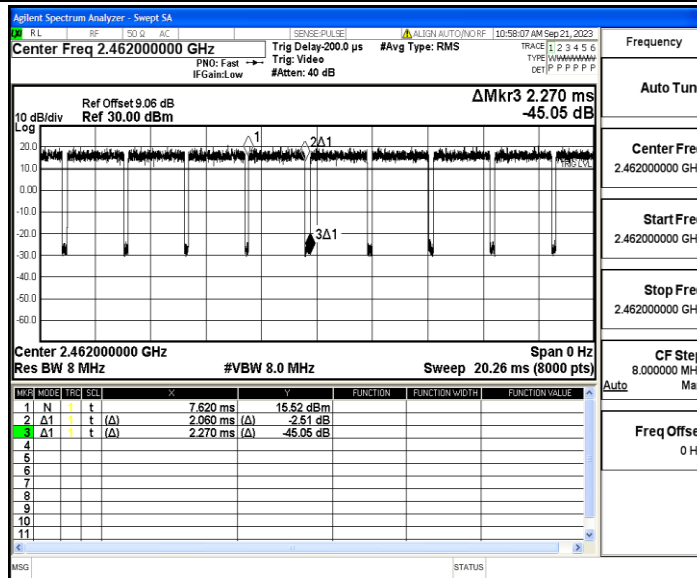
11G\_Ant1\_2412



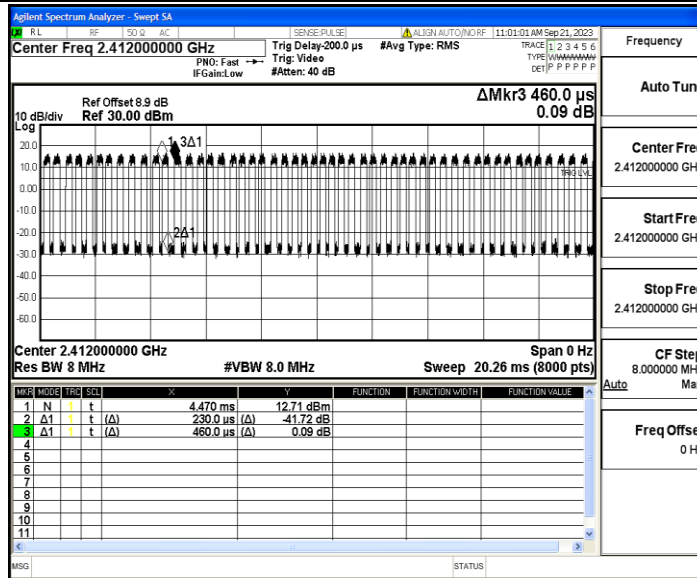
11G\_Ant1\_2437



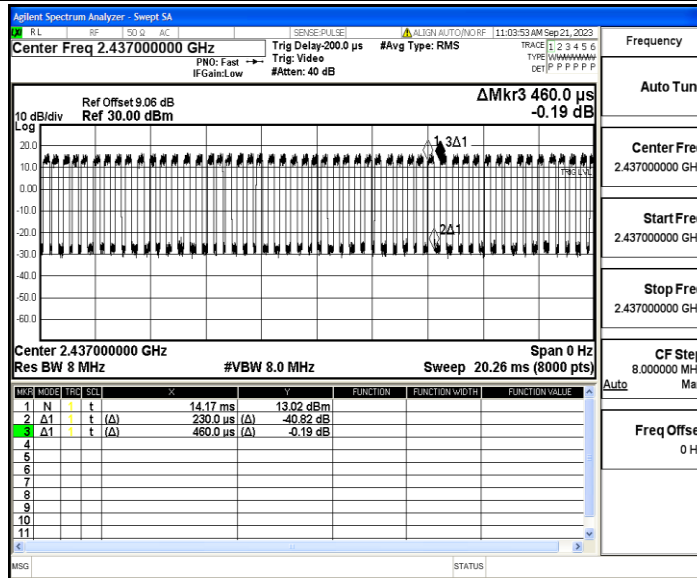
11G\_Ant1\_2462



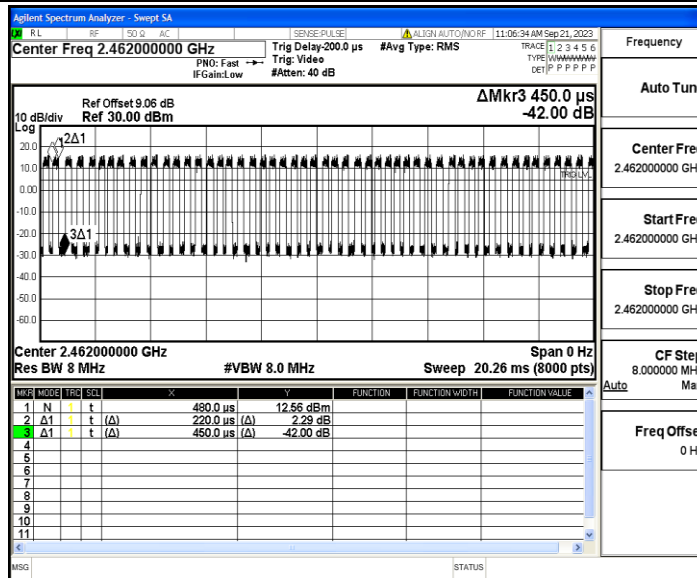
11N20SISO\_Ant1\_2412



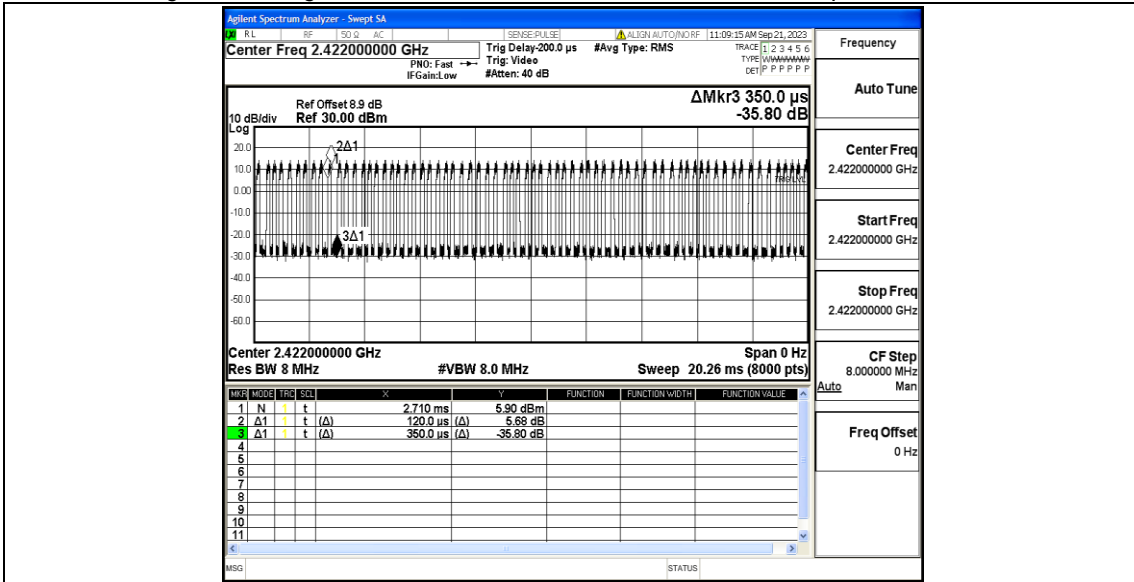
11N20SISO\_Ant1\_2437



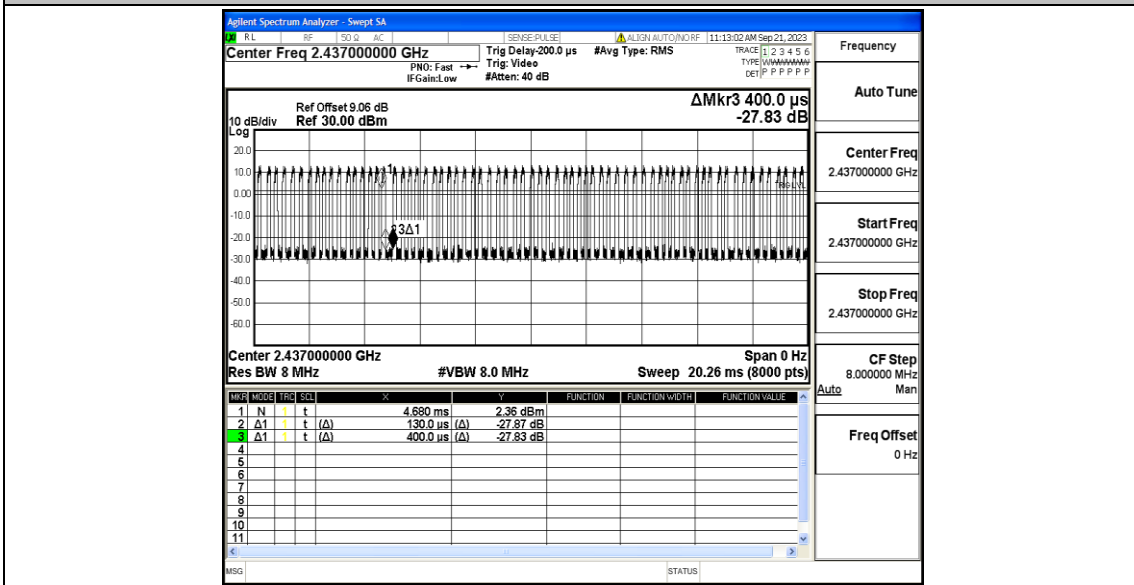
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

