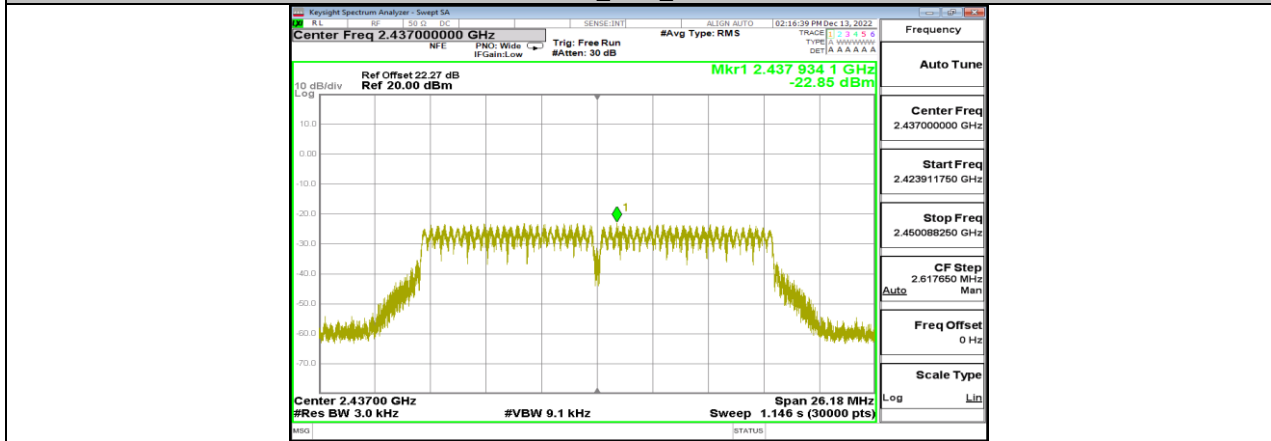
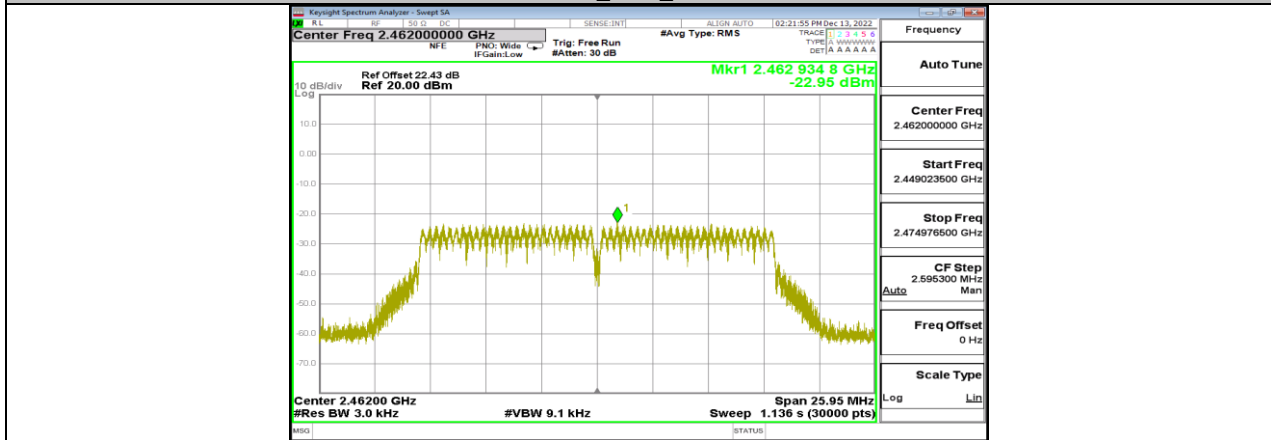


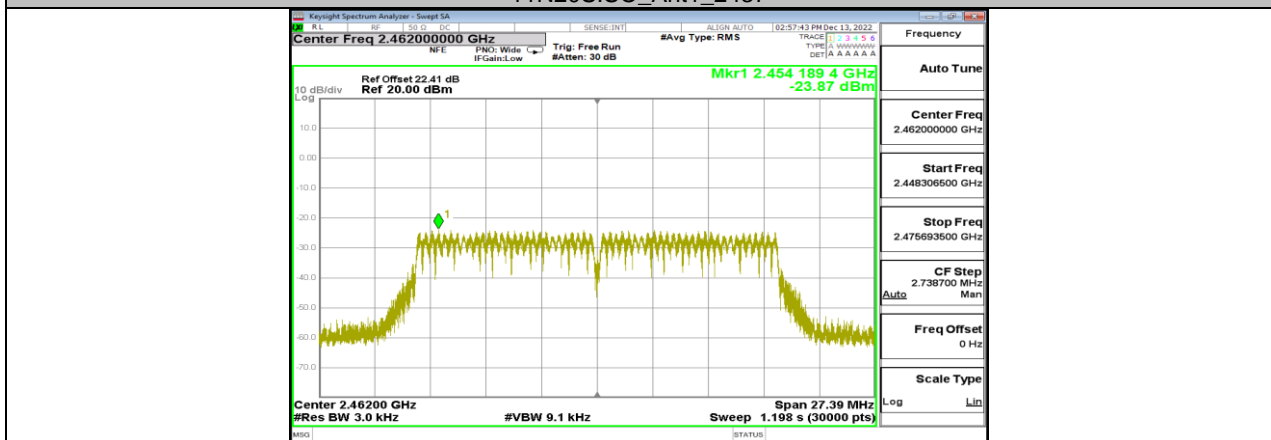
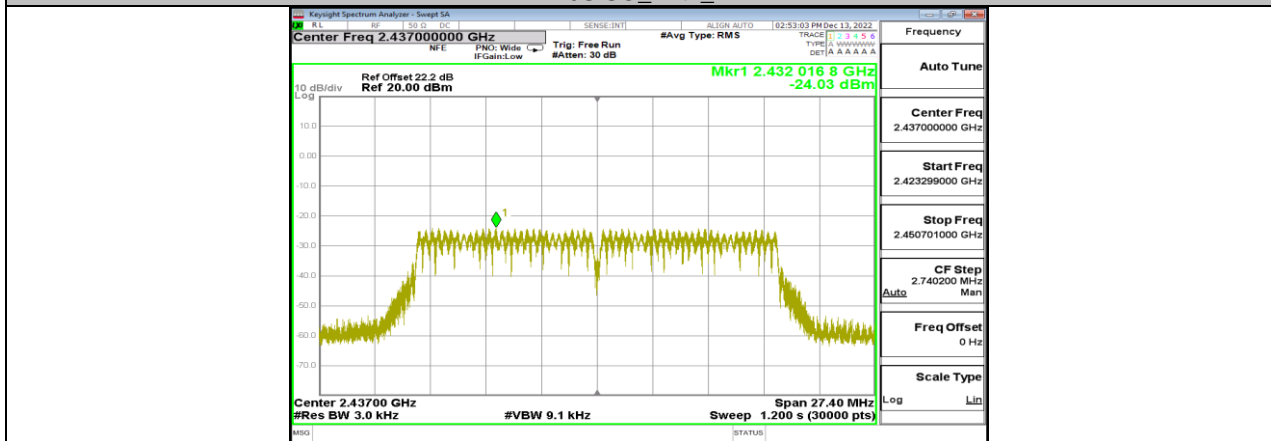
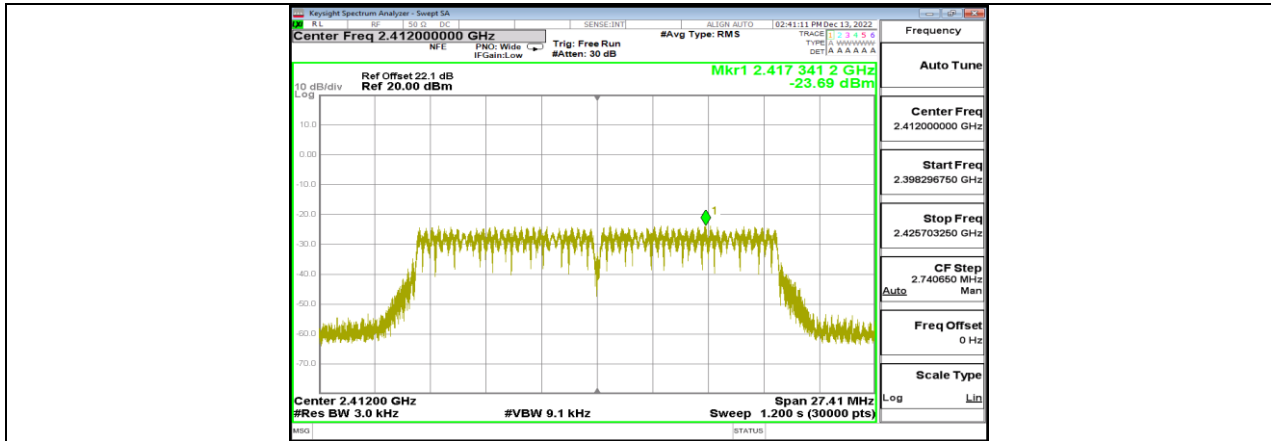
11G\_Ant1\_2412

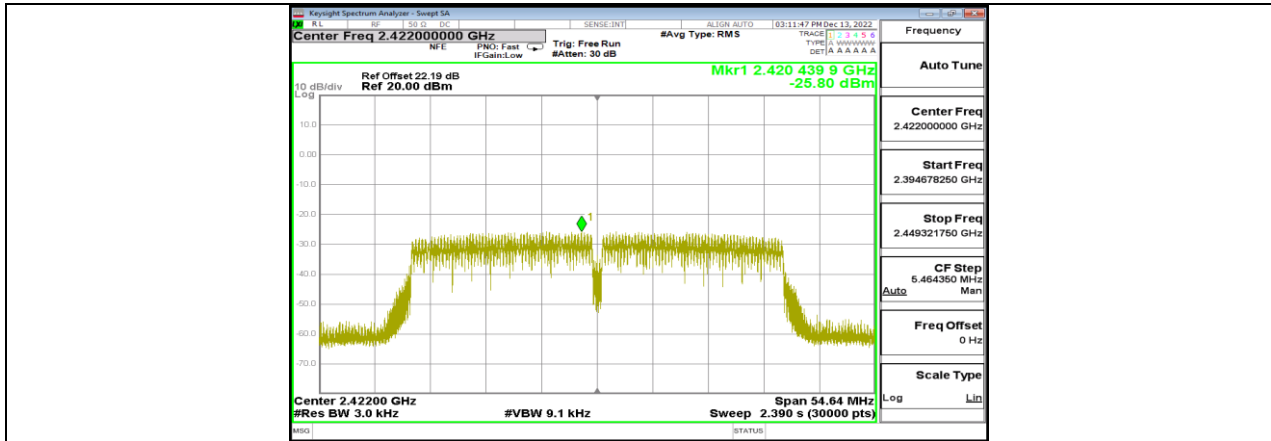


11G\_Ant1\_2437

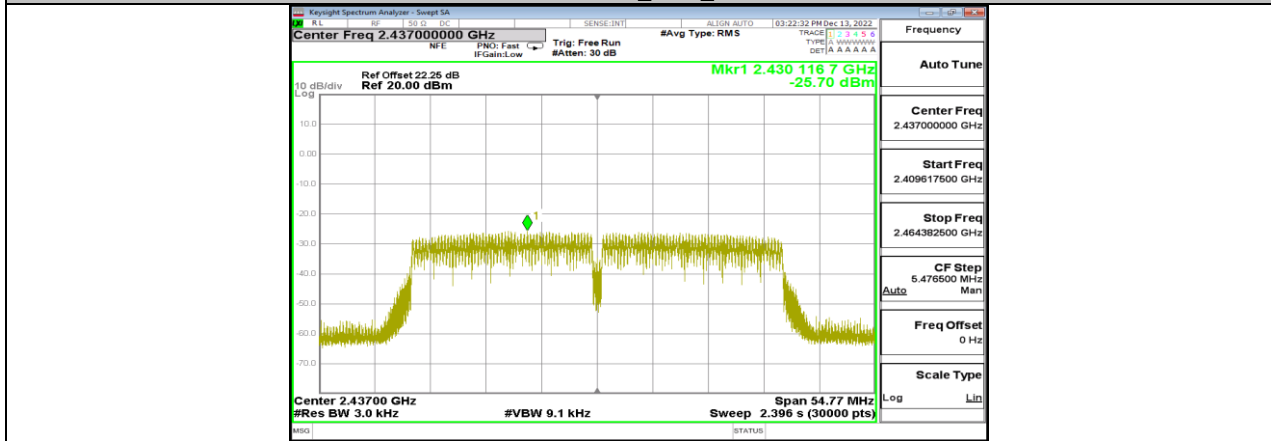


11G\_Ant1\_2462

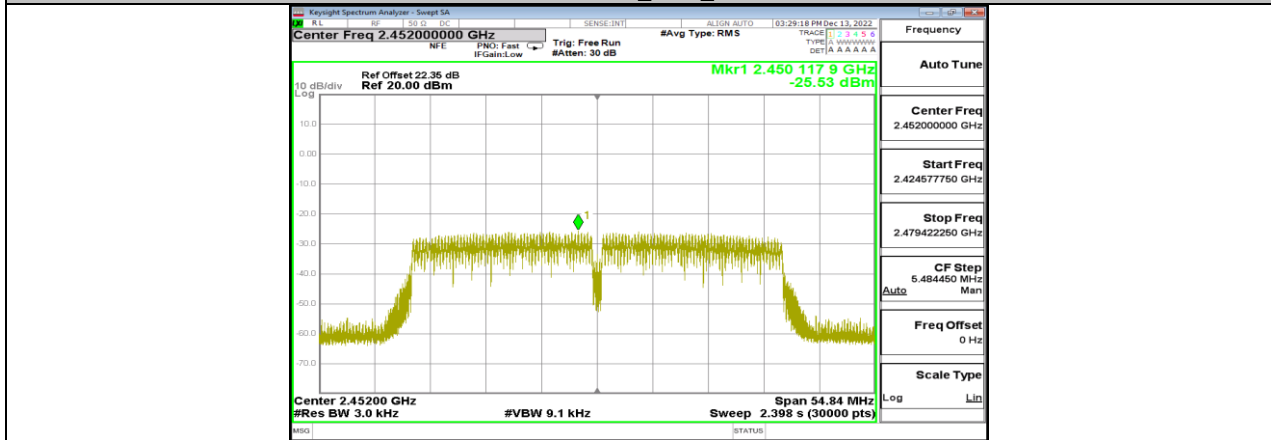




11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



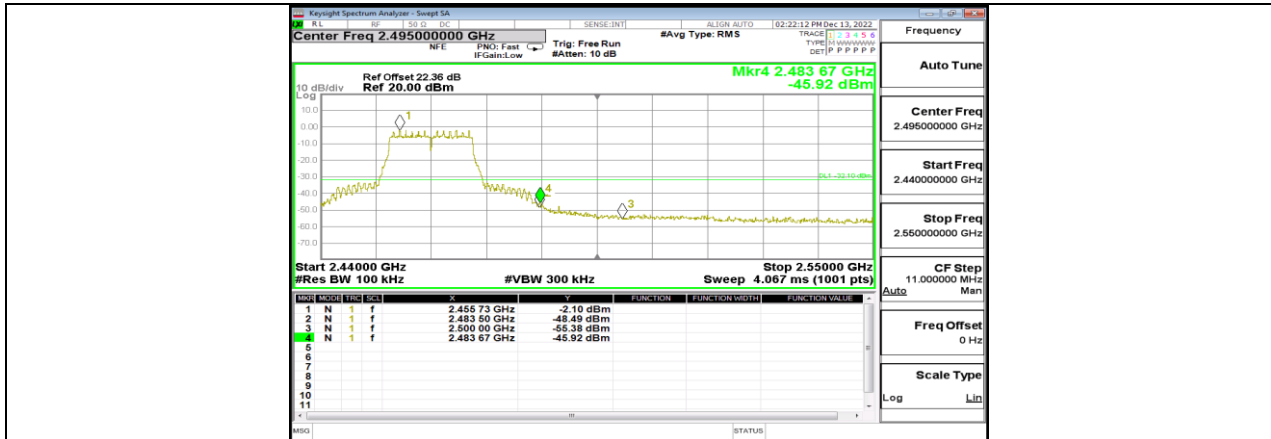
## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

### 11.5.1. Test Result

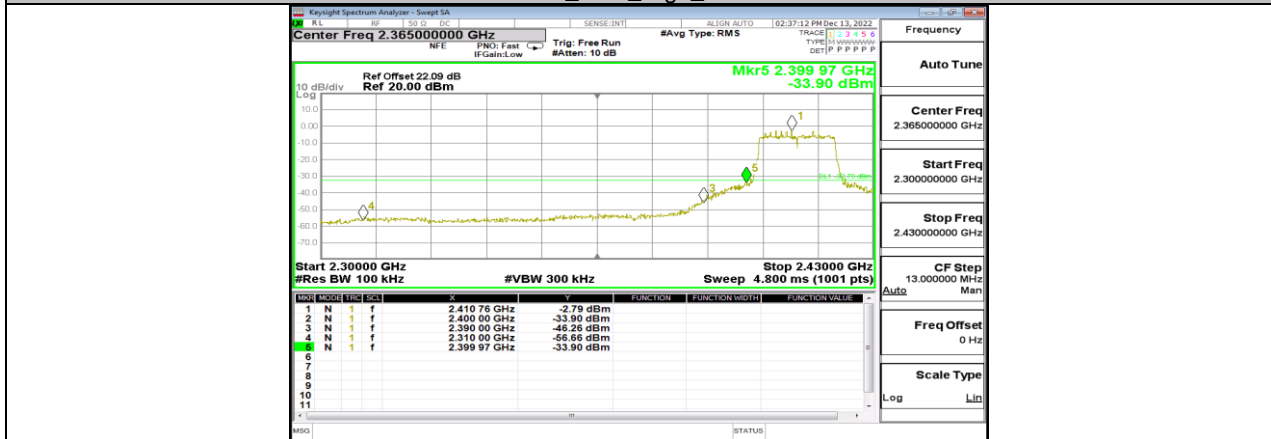
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.47	-23.82	≤-23.53	PASS
		High	2462	6.29	-37.32	≤-23.71	PASS
11G	Ant1	Low	2412	-2.03	-32.86	≤-32.03	PASS
		High	2462	-2.10	-45.92	≤-32.1	PASS
11N20SISO	Ant1	Low	2412	-2.79	-33.9	≤-32.79	PASS
		High	2462	-2.21	-42.06	≤-32.21	PASS
11N40SISO	Ant1	Low	2422	-4.67	-35.78	≤-34.67	PASS
		High	2452	-4.85	-37.28	≤-34.85	PASS

### 11.5.2. Test Graphs

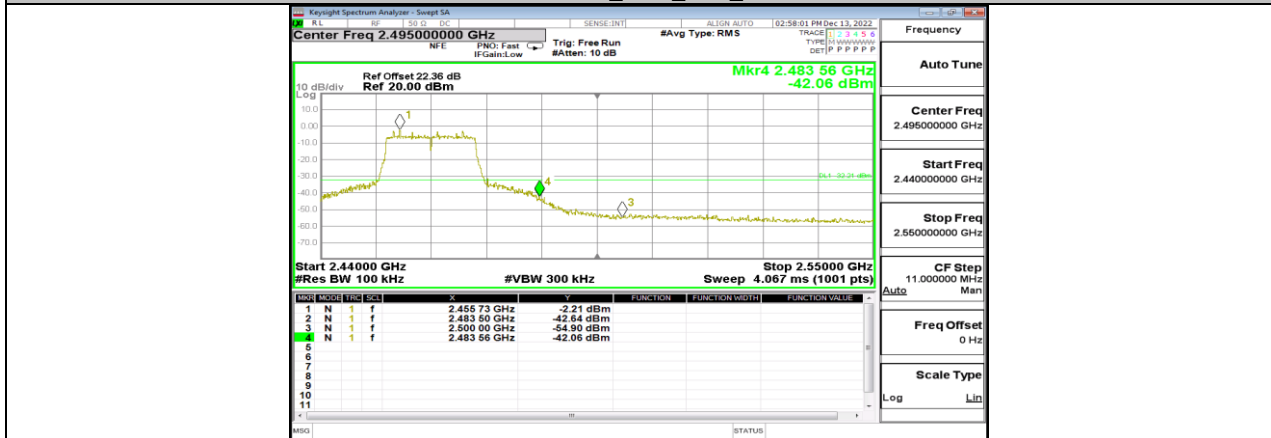




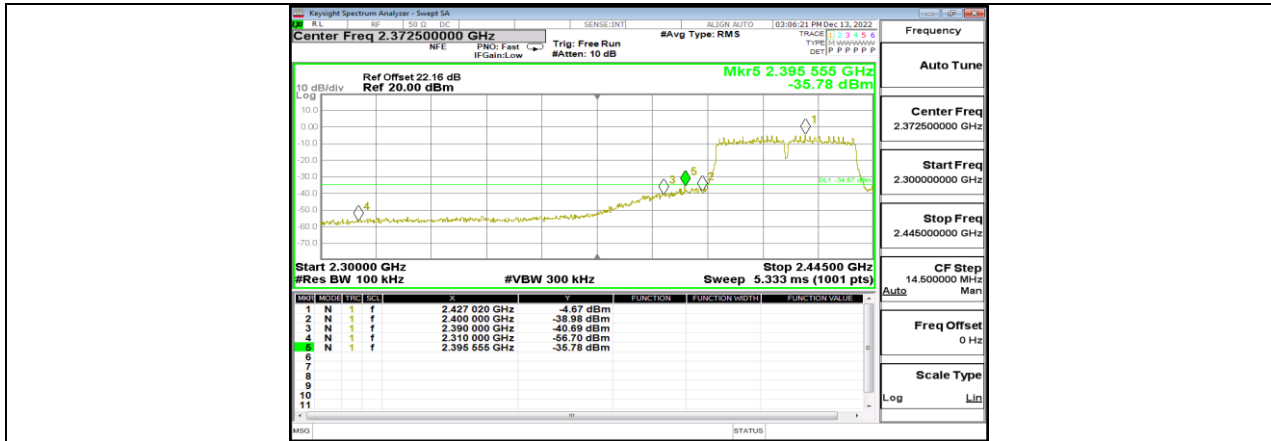
11G\_Ant1\_High\_2462



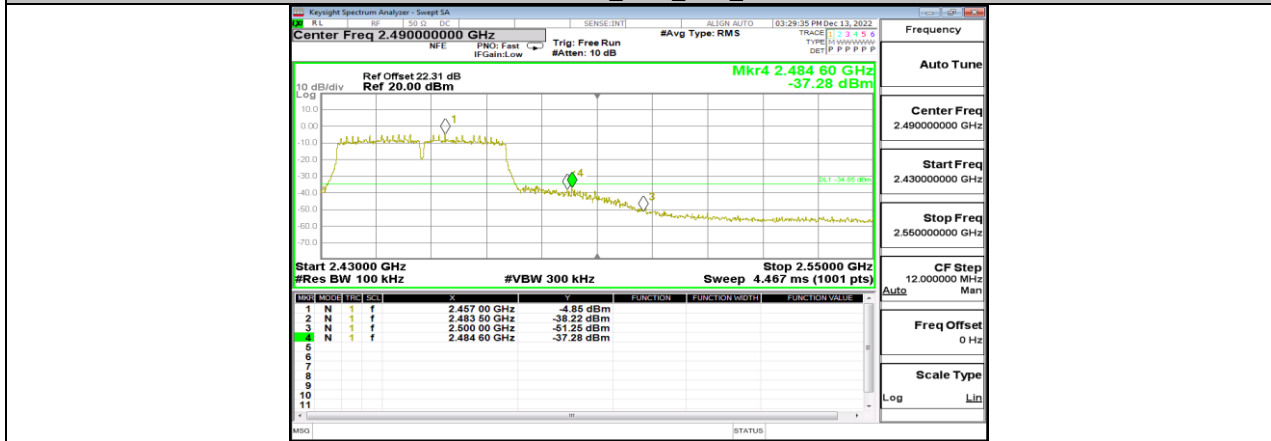
11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant1\_Low\_2422



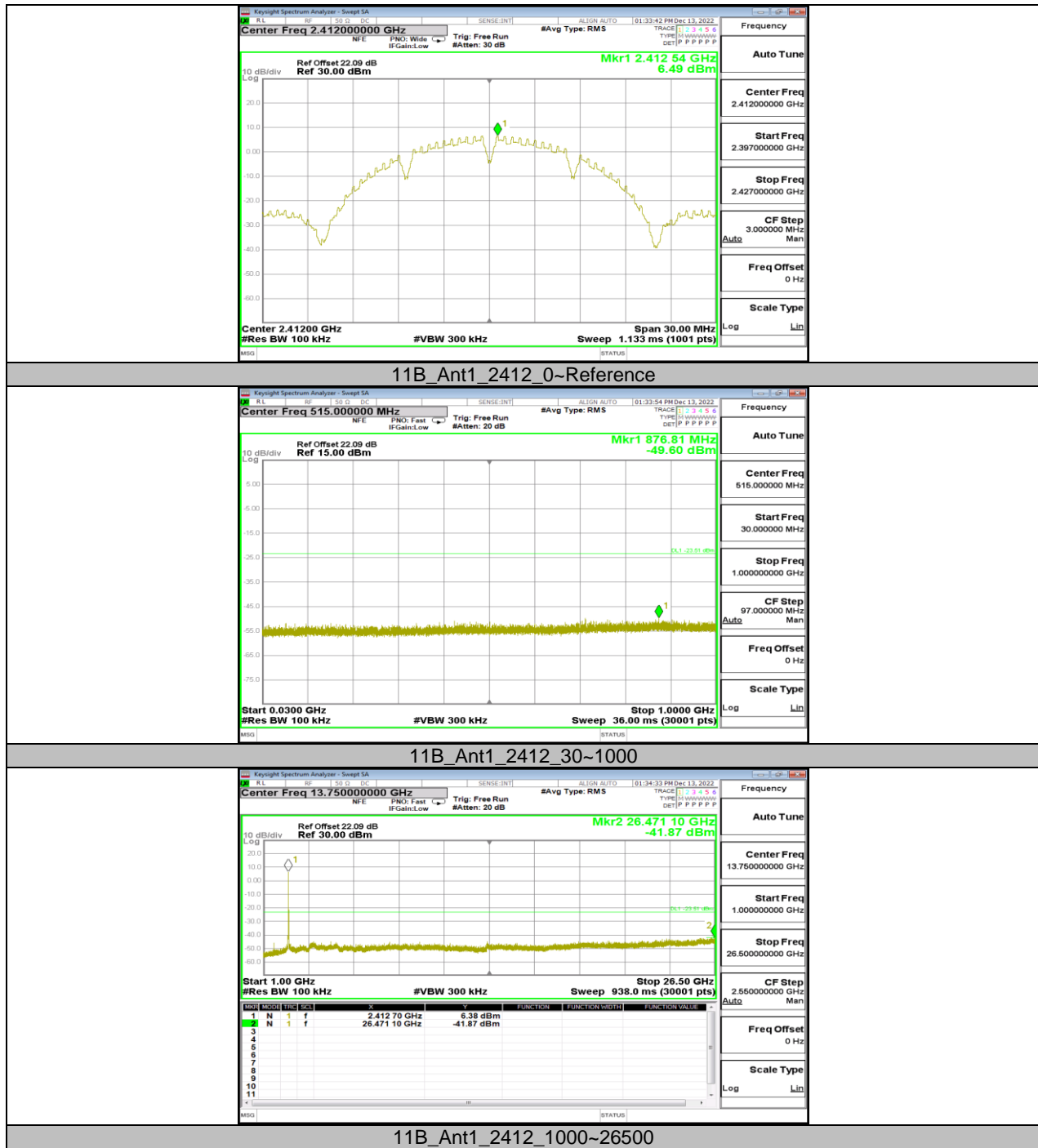
11N40SISO\_Ant1\_High\_2452

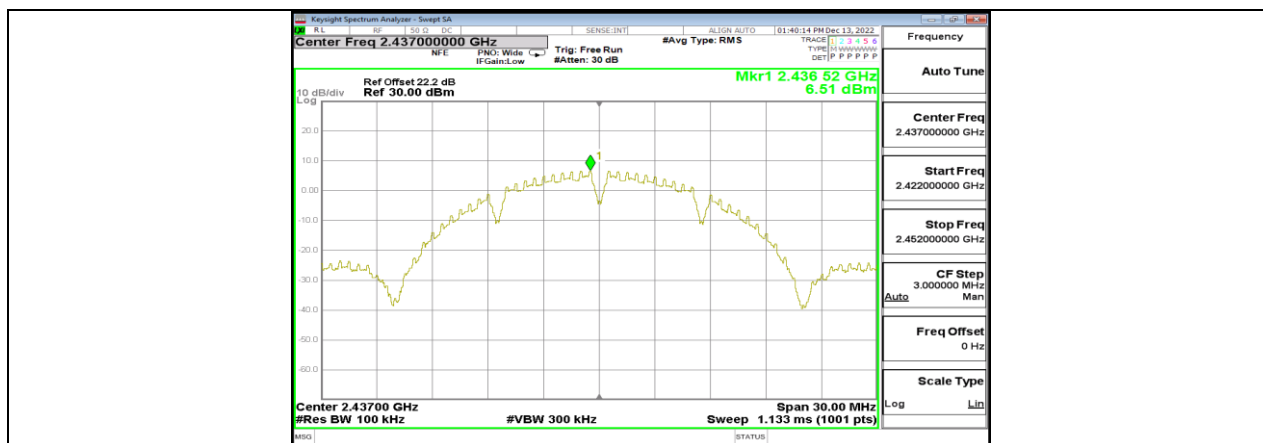
**11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION****11.6.1. Test Result**

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.49	---	PASS
			30~1000	-49.6	≤-23.51	PASS
			1000~26500	-41.87	≤-23.51	PASS
		2437	Reference	6.51	---	PASS
			30~1000	-49.85	≤-23.49	PASS
			1000~26500	-41.54	≤-23.49	PASS
		2462	Reference	6.28	---	PASS
			30~1000	-49.18	≤-23.72	PASS
			1000~26500	-40.73	≤-23.72	PASS
11G	Ant1	2412	Reference	-1.82	---	PASS
			30~1000	-49.04	≤-31.82	PASS
			1000~26500	-41.7	≤-31.82	PASS
		2437	Reference	-1.74	---	PASS
			30~1000	-49.98	≤-31.74	PASS
			1000~26500	-41.48	≤-31.74	PASS
		2462	Reference	-1.82	---	PASS
			30~1000	-49.52	≤-31.82	PASS
			1000~26500	-41.66	≤-31.82	PASS
11N20SISO	Ant1	2412	Reference	-2.17	---	PASS
			30~1000	-49.89	≤-32.17	PASS
			1000~26500	-41.86	≤-32.17	PASS
		2437	Reference	-1.92	---	PASS
			30~1000	-50.27	≤-31.92	PASS
			1000~26500	-41.69	≤-31.92	PASS
		2462	Reference	-2.37	---	PASS
			30~1000	-49.82	≤-32.37	PASS
			1000~26500	-40.26	≤-32.37	PASS
11N40SISO	Ant1	2422	Reference	-4.63	---	PASS
			30~1000	-49.33	≤-34.63	PASS
			1000~26500	-41.73	≤-34.63	PASS
		2437	Reference	-4.82	---	PASS
			30~1000	-49.39	≤-34.82	PASS
			1000~26500	-41.74	≤-34.82	PASS
		2452	Reference	-4.77	---	PASS
			30~1000	-49.81	≤-34.77	PASS
			1000~26500	-41.43	≤-34.77	PASS

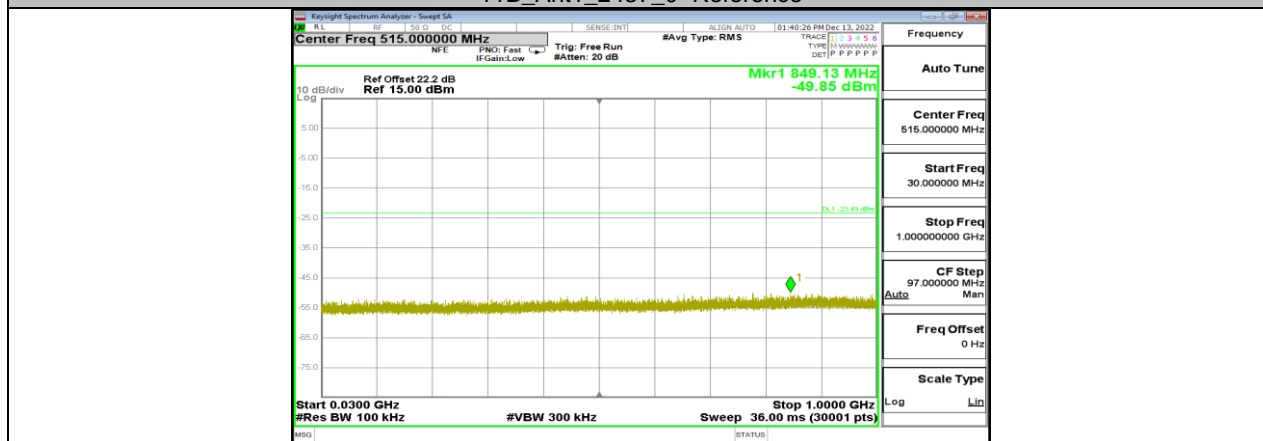


### 11.6.2. Test Graphs

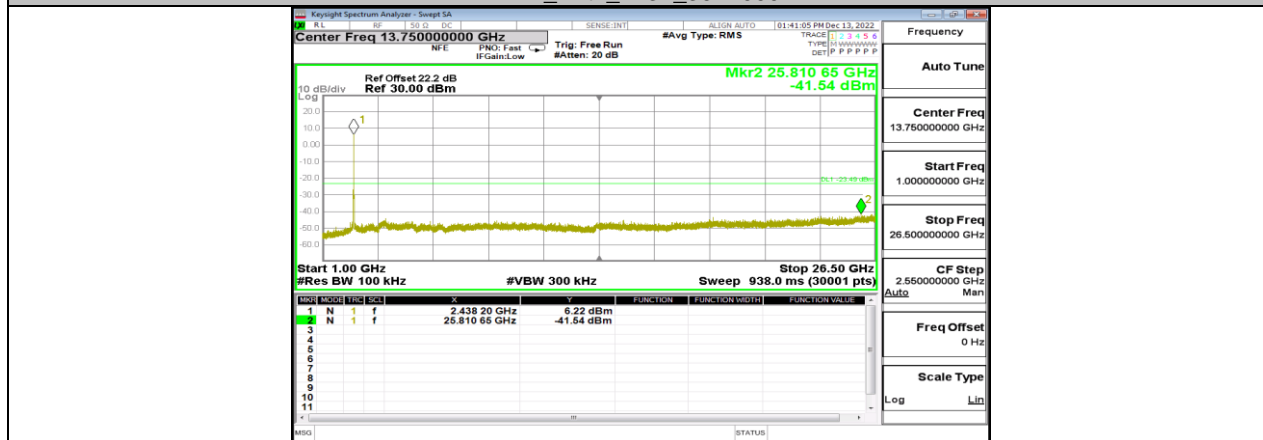




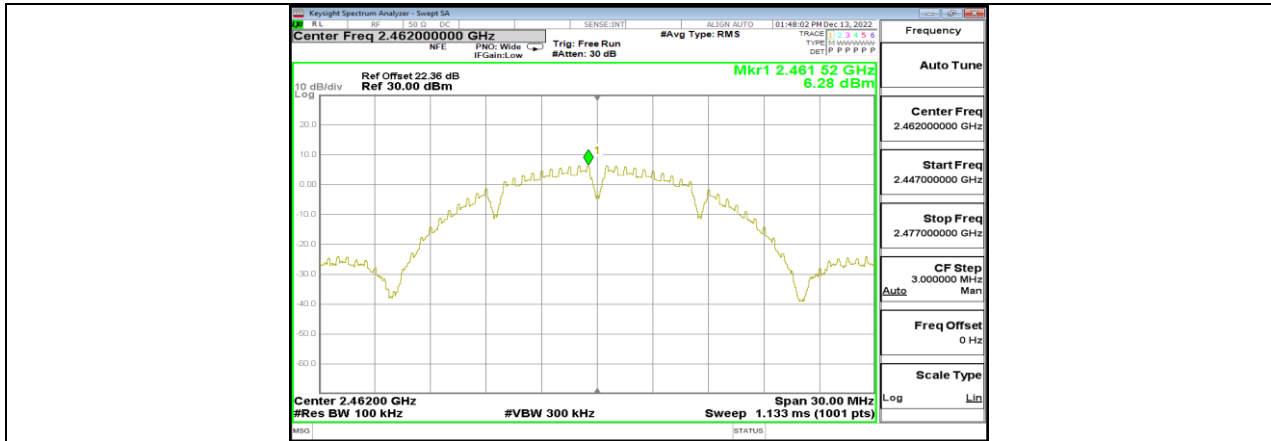
11B\_Ant1\_2437\_0~Reference



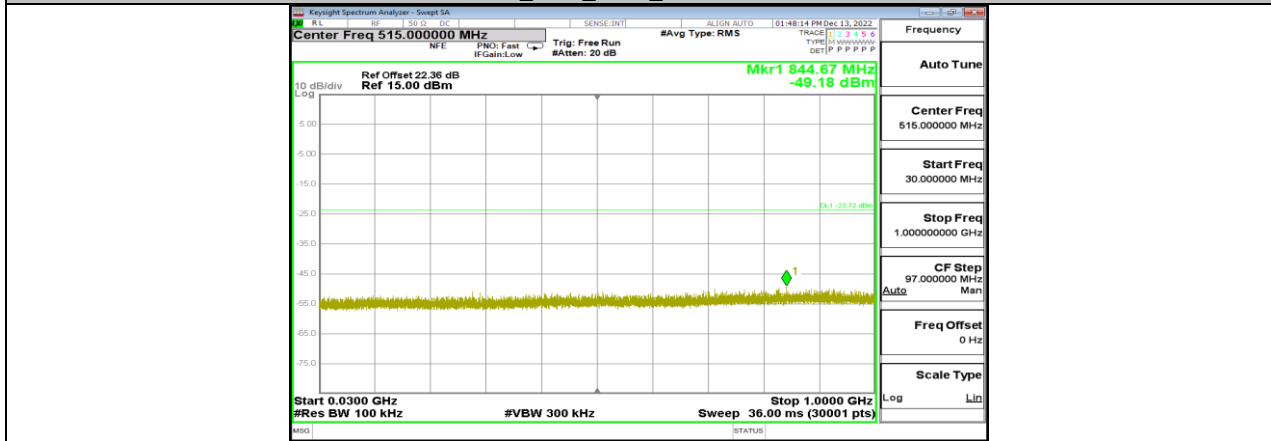
11B\_Ant1\_2437\_30~1000



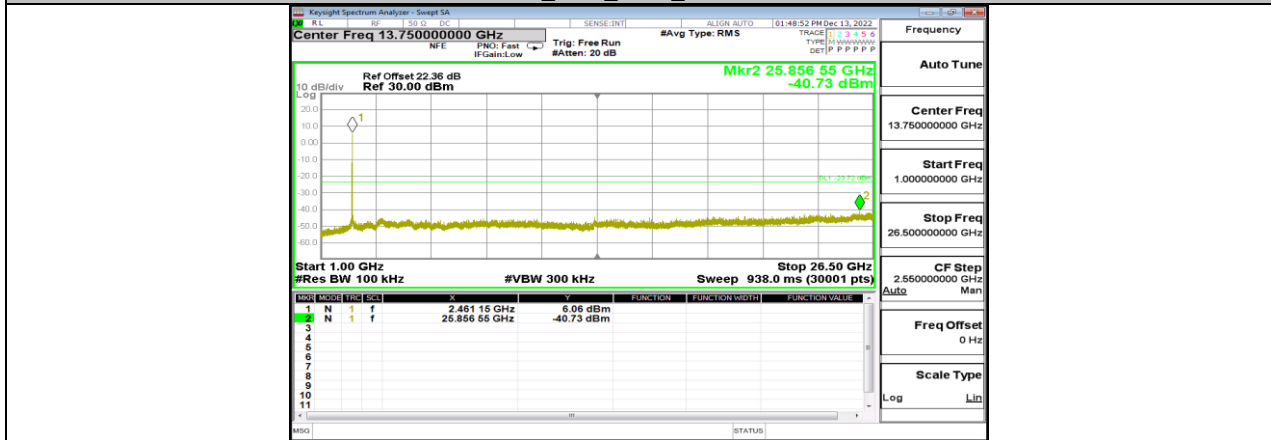
11B\_Ant1\_2437\_1000~26500



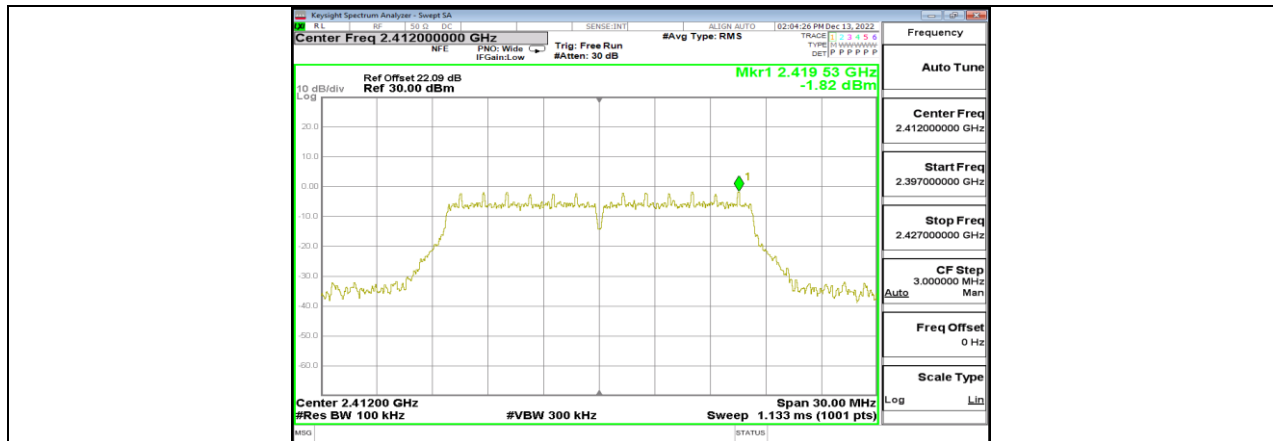
11B\_Ant1\_2462\_0-Reference



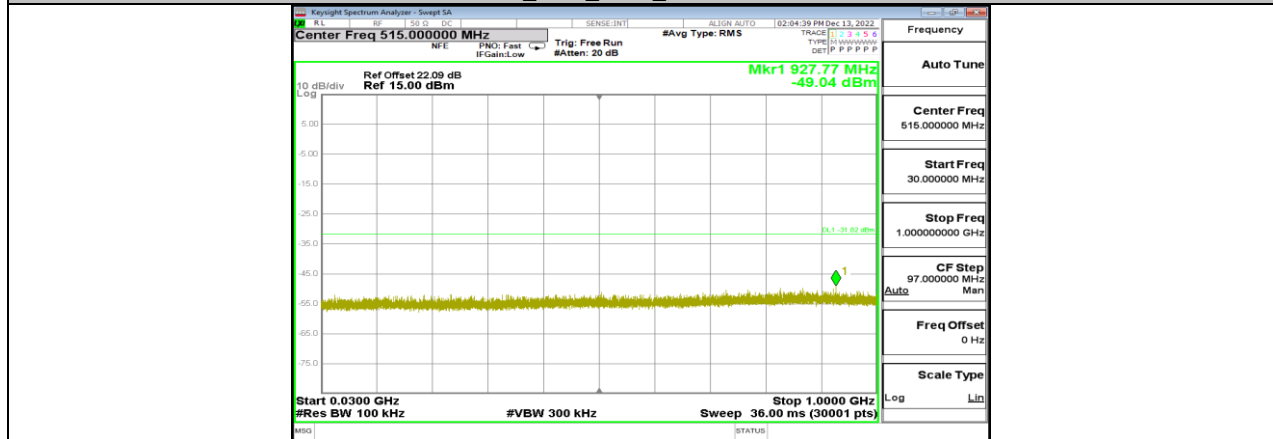
11B\_Ant1\_2462\_30-1000



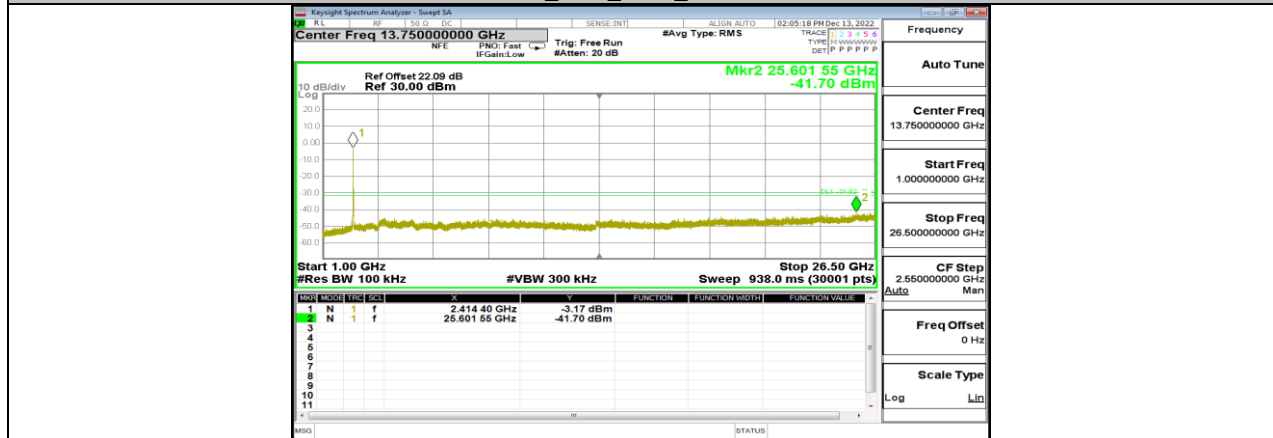
11B\_Ant1\_2462\_1000-26500



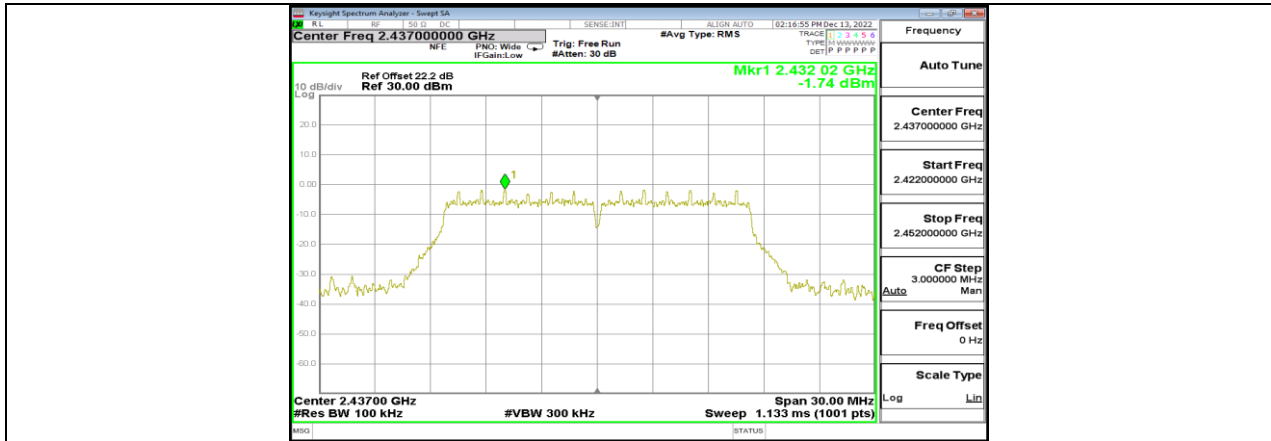
11G\_Ant1\_2412\_0~Reference



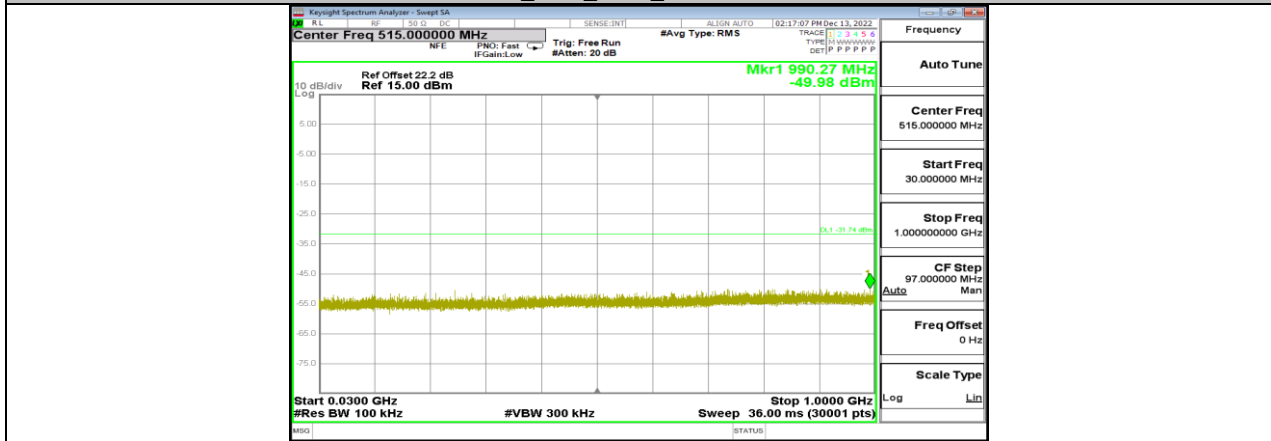
11G\_Ant1\_2412\_30~1000



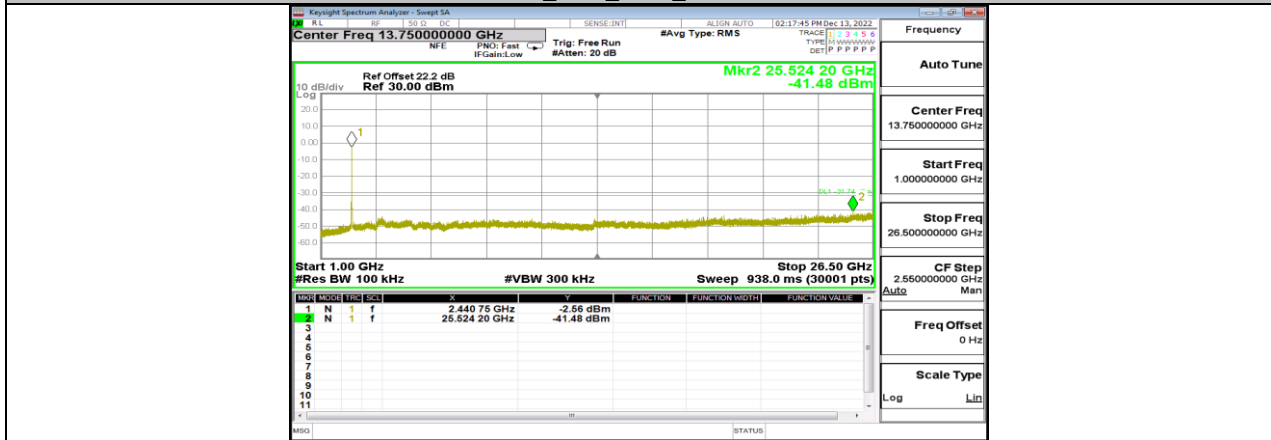
11G\_Ant1\_2412\_1000~26500



11G\_Ant1\_2437\_0~Reference



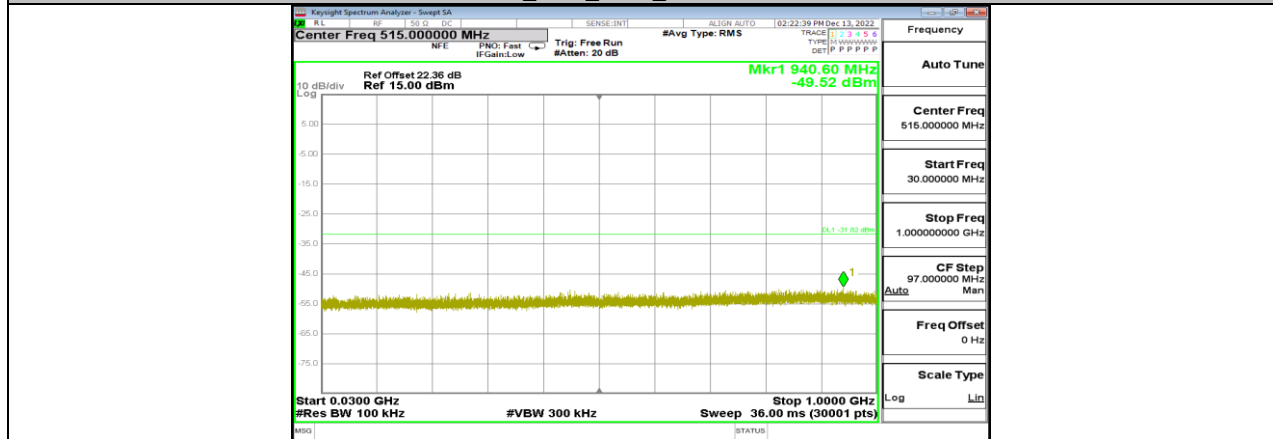
11G\_Ant1\_2437\_30~1000



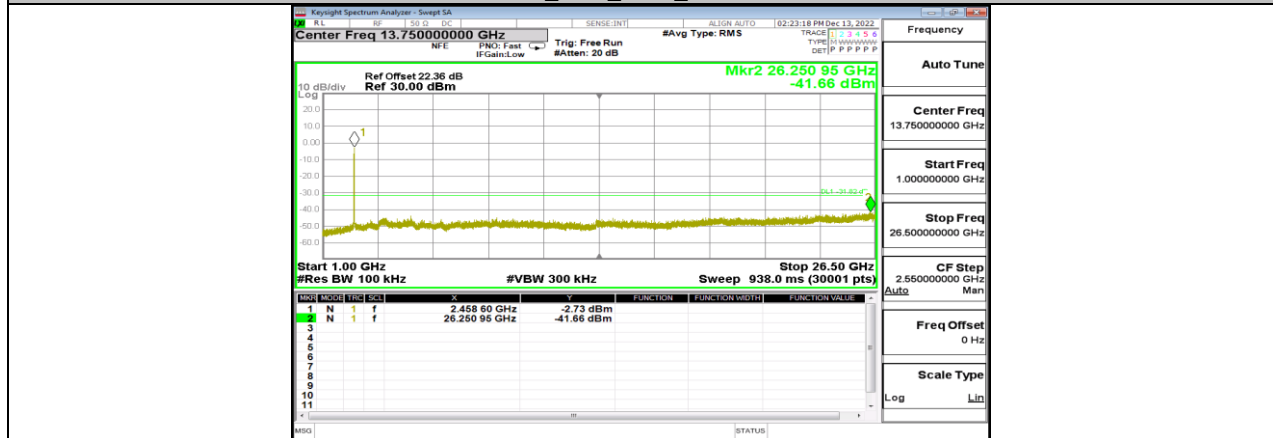
11G\_Ant1\_2437\_1000~26500



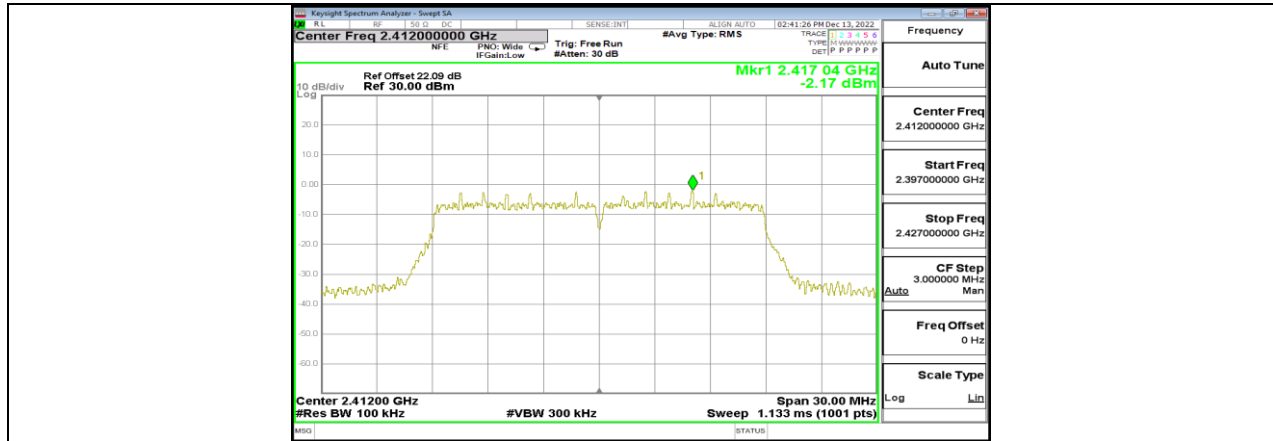
11G\_Ant1\_2462\_0~Reference



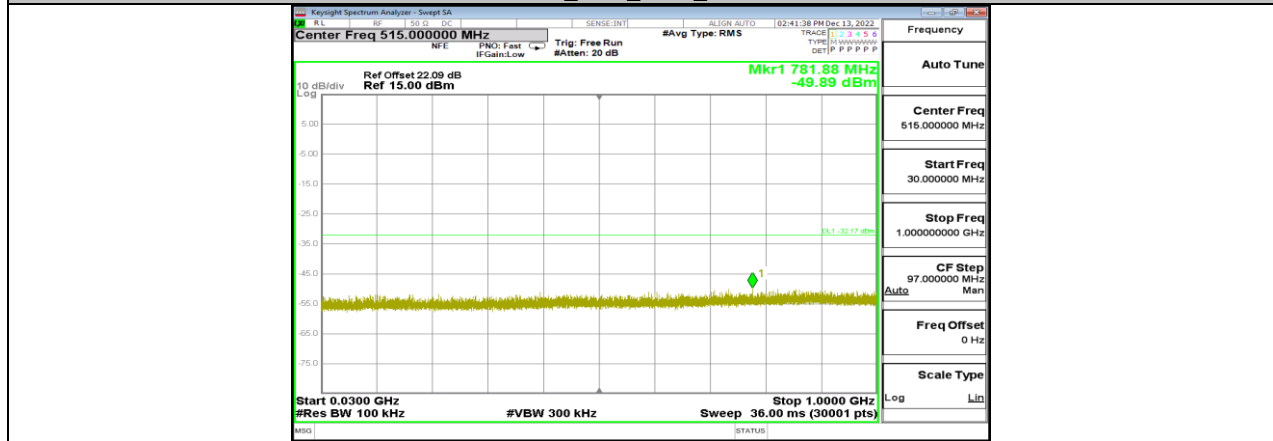
11G\_Ant1\_2462\_30~1000



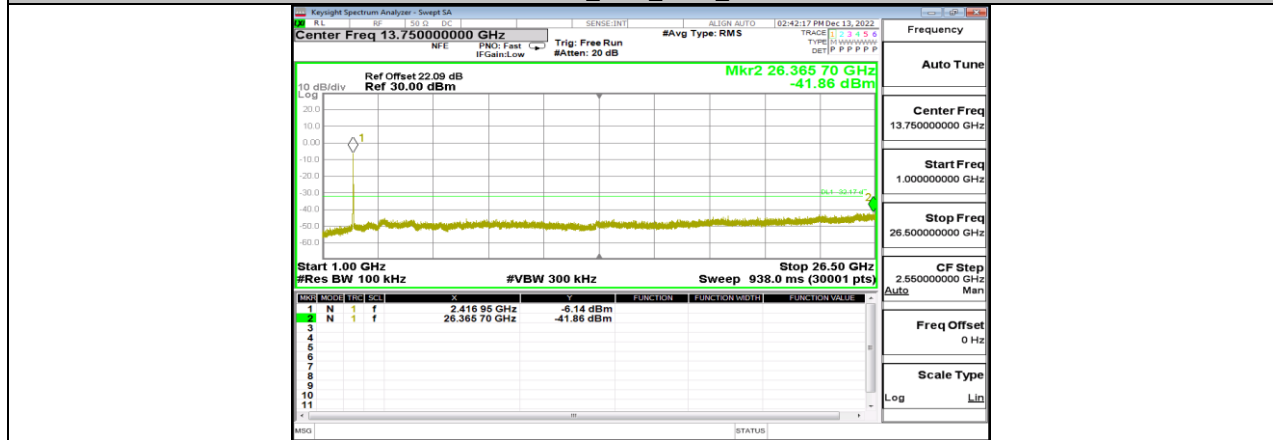
11G\_Ant1\_2462\_1000~26500



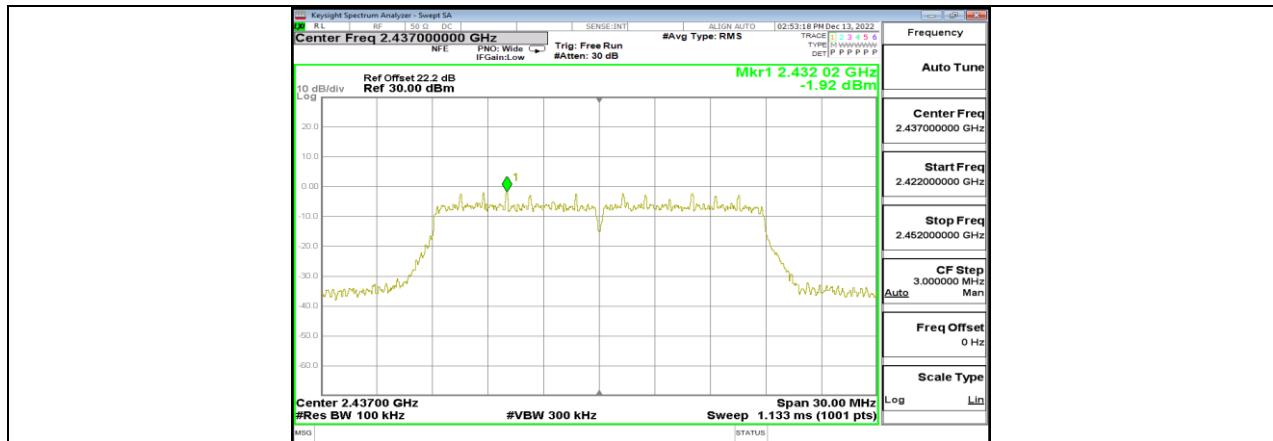
11N20SISO\_Ant1\_2412\_0~Reference



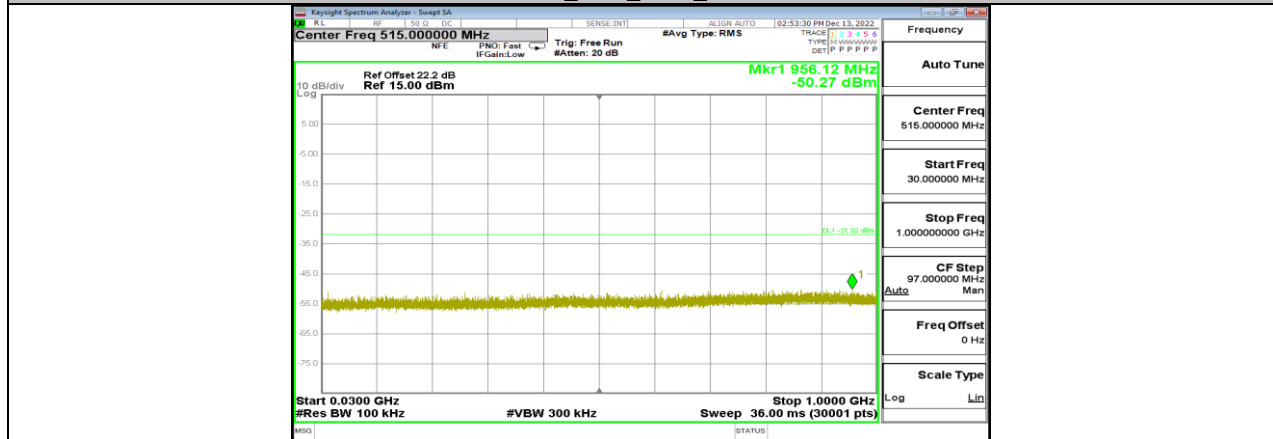
11N20SISO\_Ant1\_2412\_30~1000



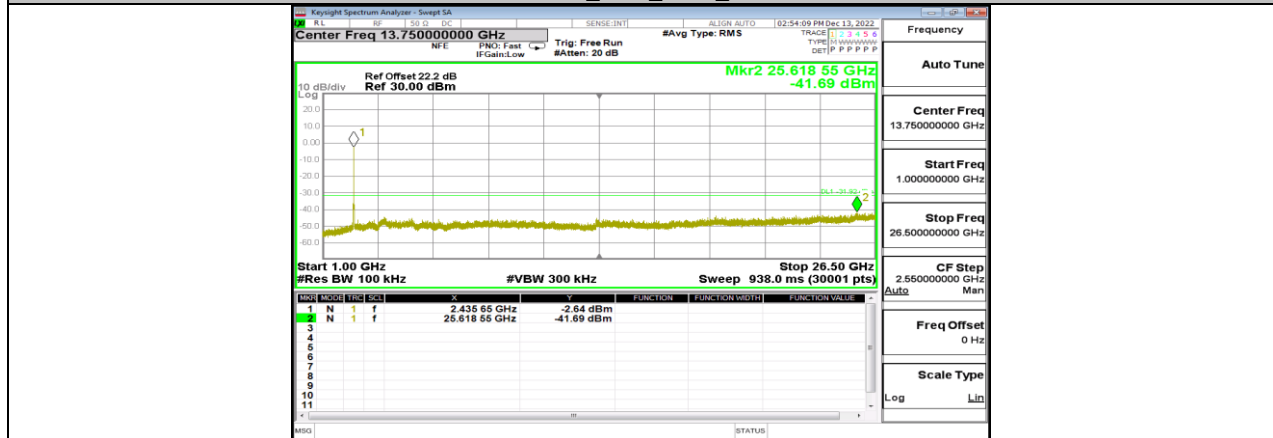
11N20SISO\_Ant1\_2412\_1000~26500



11N20SISO\_Ant1\_2437\_0~Reference

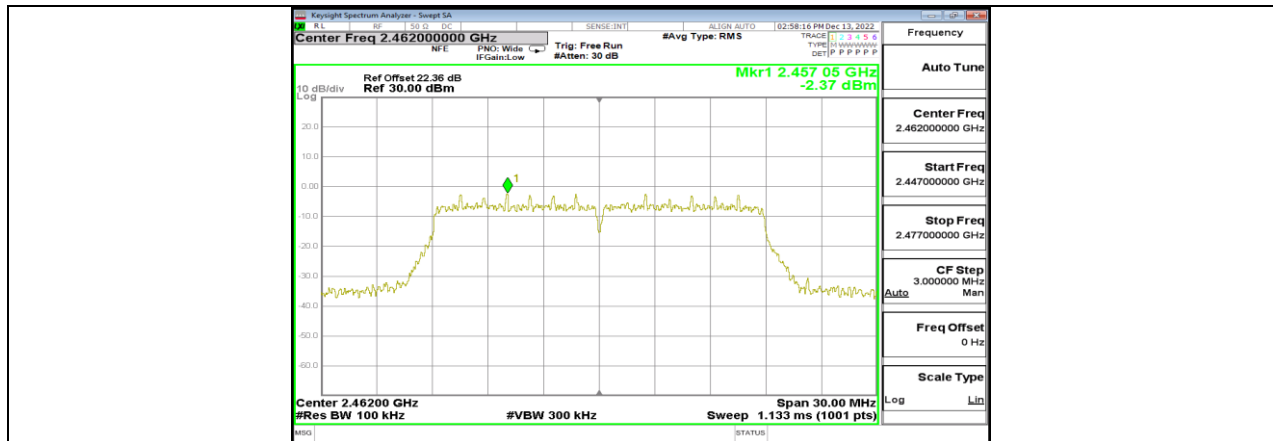


11N20SISO\_Ant1\_2437\_30~1000

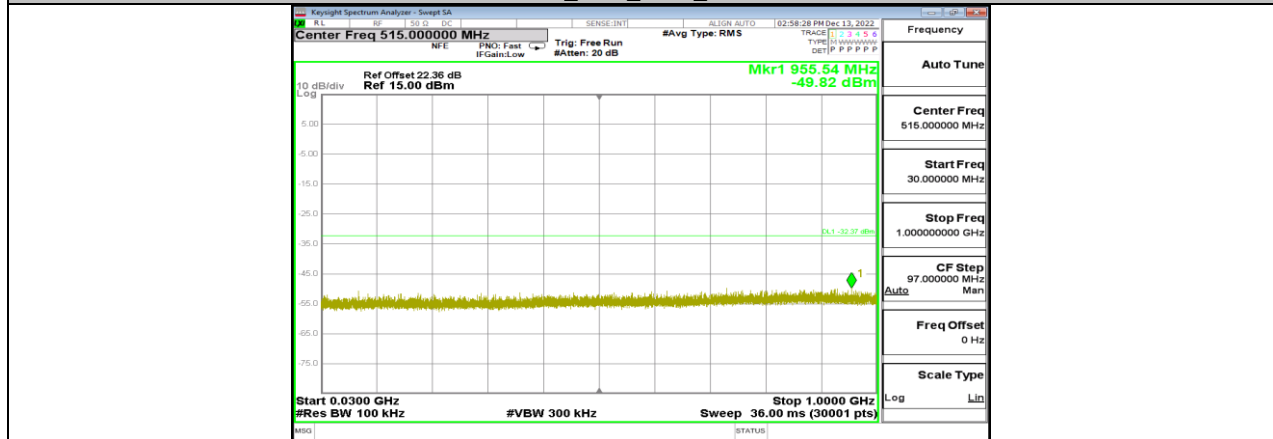


11N20SISO\_Ant1\_2437\_1000~26500

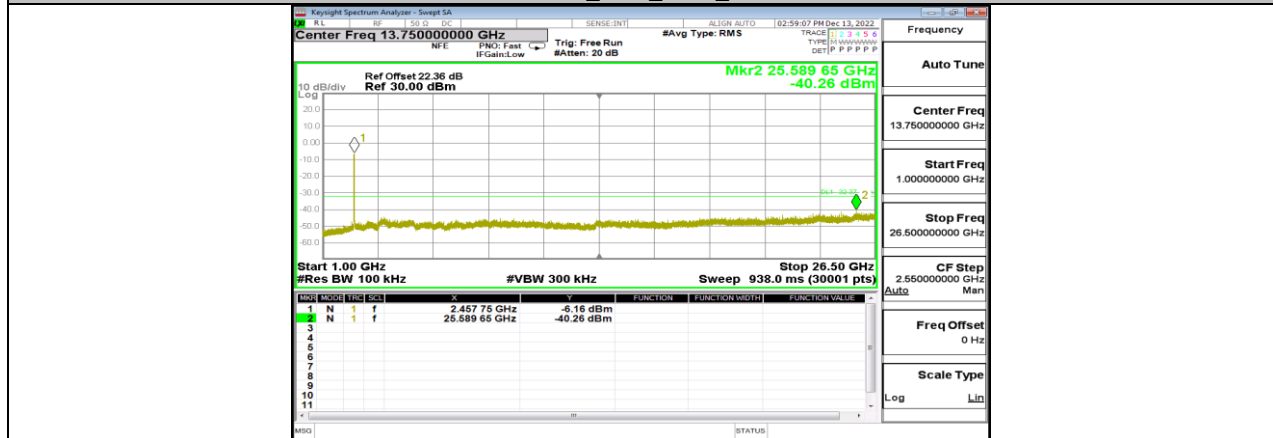




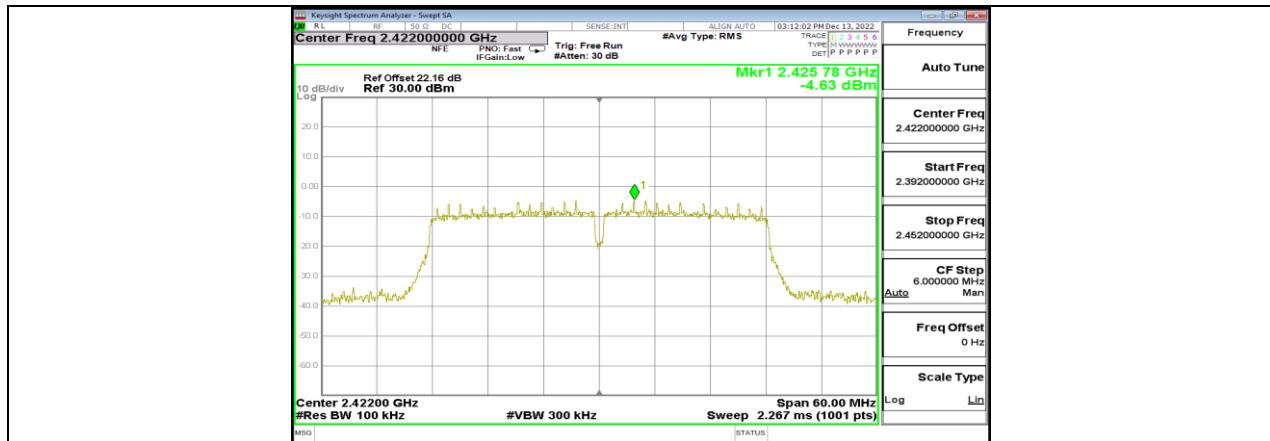
11N20SISO\_Ant1\_2462\_0~Reference



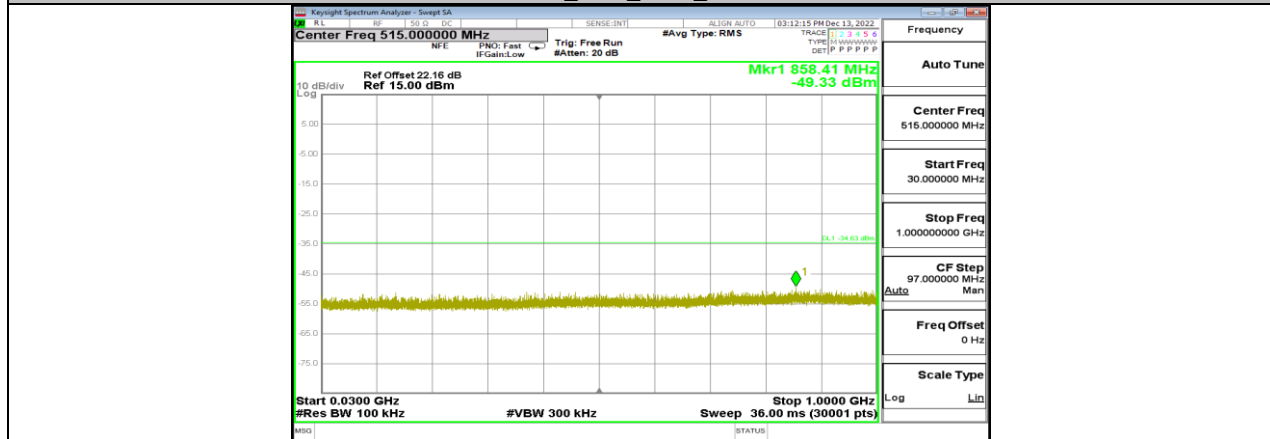
11N20SISO\_Ant1\_2462\_30~1000



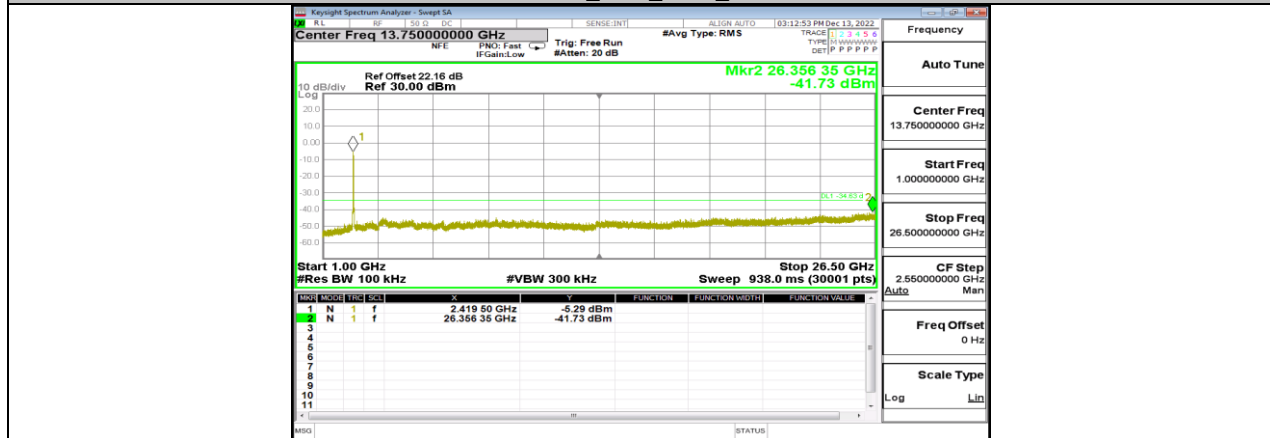
11N20SISO\_Ant1\_2462\_1000~26500



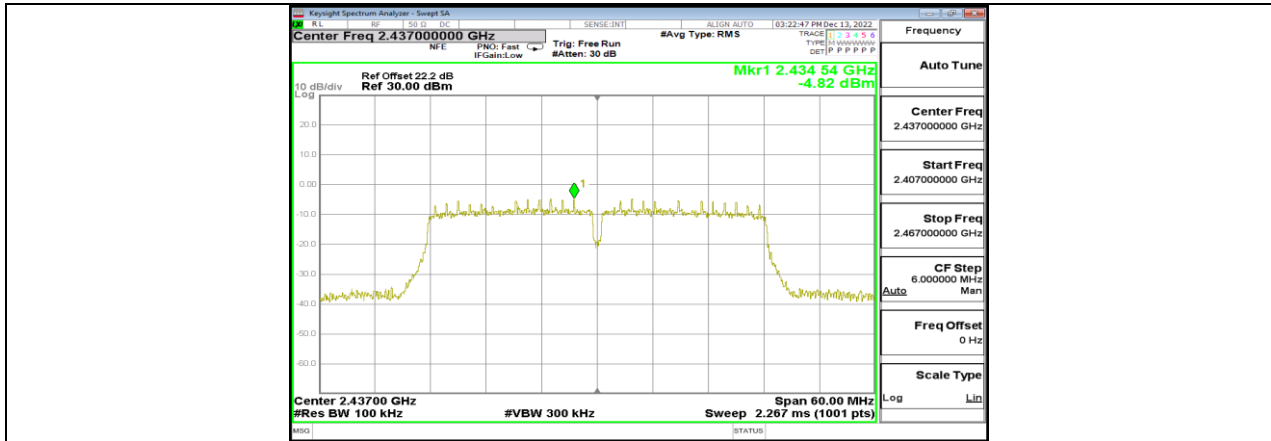
11N40SISO\_Ant1\_2422\_0~Reference



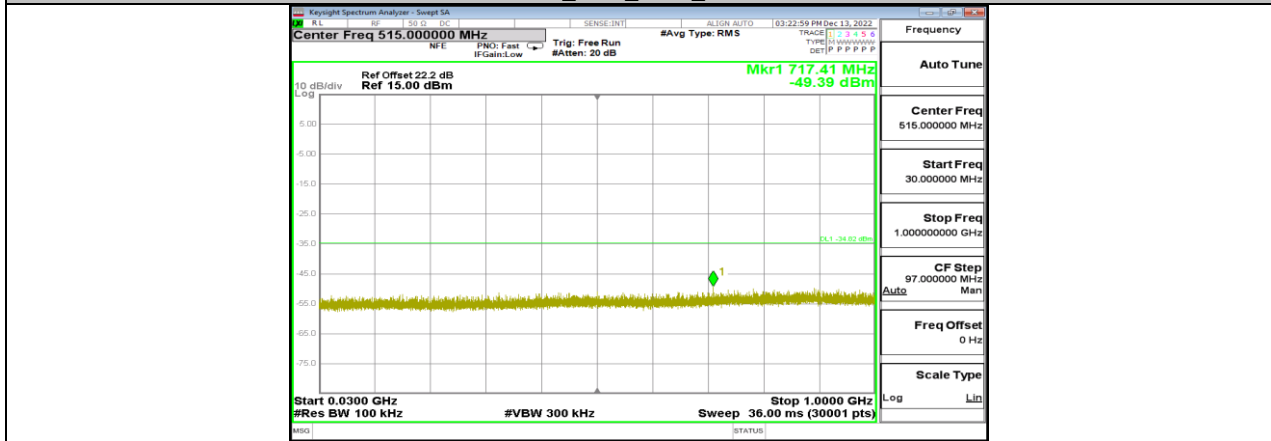
11N40SISO\_Ant1\_2422\_30~1000



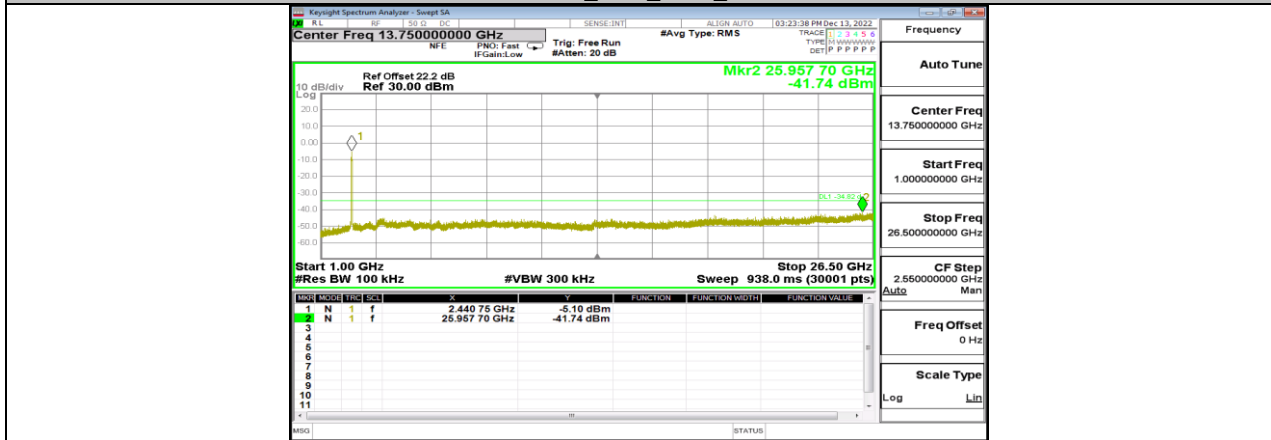
11N40SISO\_Ant1\_2422\_1000~26500



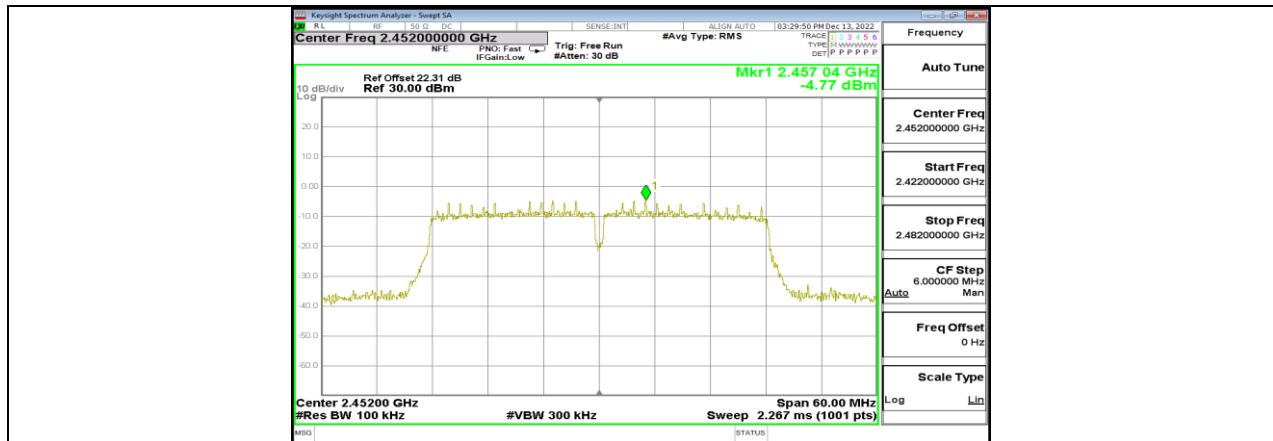
11N40SISO\_Ant1\_2437\_0~Reference



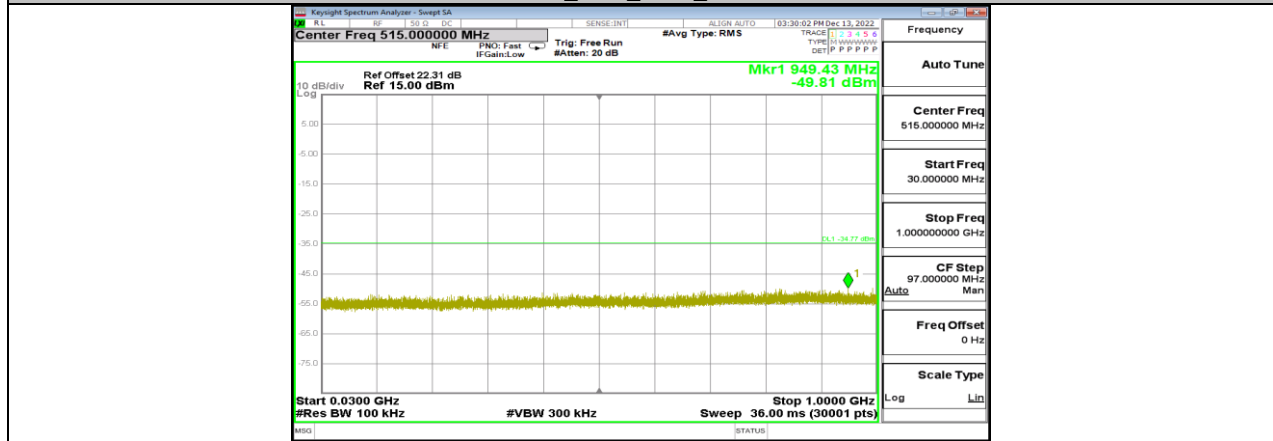
11N40SISO\_Ant1\_2437\_30~1000



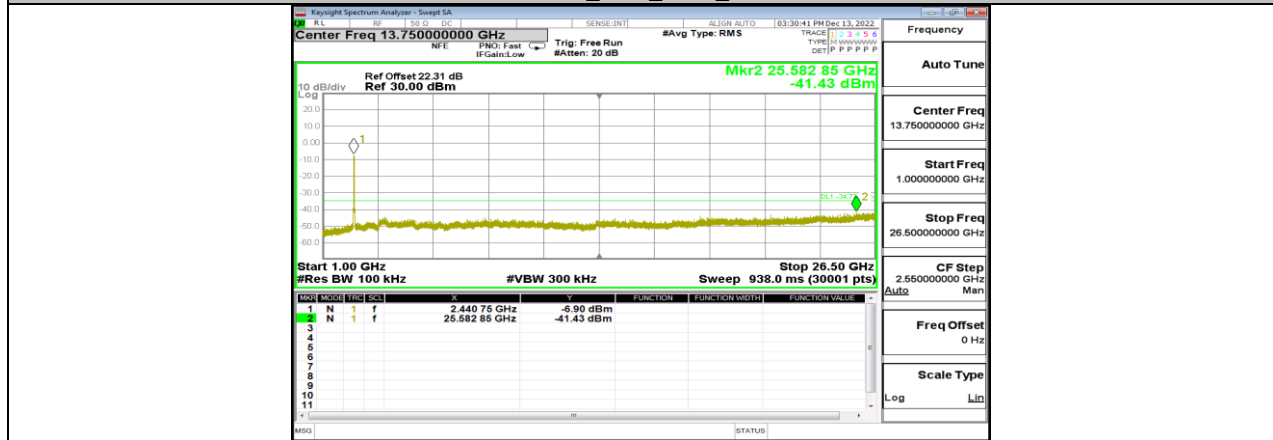
11N40SISO\_Ant1\_2437\_1000~26500



11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500



## 11.7. APPENDIX G: DUTY CYCLE

### 11.7.1. Test Result

Test 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	8.39	8.41	0.9976	99.76	0.01	N/A	0.01
11G	1.39	1.41	0.9858	98.58	0.06	N/A	0.01
11N20SISO	5.09	5.1	0.9980	99.80	0.01	N/A	0.01
11N40SISO	2.46	2.48	0.9919	99.19	0.04	N/A	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.

If the EUT is configured to transmit with duty cycle  $\geq 98\%$ , set VBW  $\leq$  RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

### 11.7.2. Test Graphs





END OF REPORT